

Design System Documentation

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Project: Drop — Fintech Payment App Version: 0.1.0 Date: 2026-02-23

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Document History

Version	Date	Author	Changes
0.1	2026-02-23	John	Initial draft from source code + brand guide analysis

1. Design Principles

Principle	Description
Clarity first	Every UI element must communicate its purpose without explanation. Amounts are large and legible. Actions are labeled.
Scandinavian minimal	Generous whitespace, no visual noise. Forest green + white — nothing extra.
Trust through transparency	Fees visible before every transaction. No hidden costs. PSD2 disclosures shown explicitly.
Mobile-first	The app is a mobile PWA. <code>max-w-sm</code> containers, <code>pb-24</code> for BottomNav clearance, touch targets $\geq 44 \times 44$ px.
Accessible by default	WCAG AA compliance is a baseline requirement, not an optional enhancement.
Light mode only (Phase 1)	Background is always off-white (#FAFCF8) or white. Dark mode is Phase 2.

2. Color System

2.1 Primitive Palette (Raw Values)

```
/* Brand primitives – defined in brand/colors.css and globals.css */

/* Green scale */
--color-green-primary: #0B6E35; /* Forest Green – primary brand */
--color-green-dark: #095C2C; /* Hover/pressed state */
--color-green-light: #E8F5E9; /* Light green tint, badges */

/* Gold scale */
--color-gold-primary: #D4A017; /* Gold accent, logo arrow, premium elements */
--color-gold-light: #FFF8E1; /* Gold tint */

/* Neutral scale */
--color-neutral-0: #FFFFFF; /* White – cards, elevated surfaces */
--color-neutral-50: #FAFCF8; /* Off-white – page background */
--color-neutral-100: #F9FAFB; /* Input field backgrounds */
--color-neutral-200: #F3F4F6; /* Section backgrounds, shadow secondary */
--color-neutral-300: #E5E7EB; /* Input borders, card borders, dividers */
--color-neutral-400: #D1D5DB; /* Horizontal rule dividers */
--color-neutral-500: #9CA3AF; /* Muted text, inactive nav items */
--color-neutral-600: #6B7280; /* Secondary text, placeholders */
--color-neutral-700: #374151; /* Dark text on light backgrounds */
--color-neutral-900: #1A1A1A; /* Near-black – headings, primary text */
--color-neutral-1000: #000000;

/* Semantic */
--color-success: #10B981; /* Emerald – success, positive amounts */
--color-error: #EF4444; /* Red – error states, negative amounts */
--color-warning: #D97706; /* Warning – pending transactions */
--color-info: #2563EB; /* Info – PSD2 banners */
```

2.2 Semantic Tokens (Light Mode — from globals.css :root)

```
:root {
  /* shadcn/ui CSS variable tokens */
  --background:          #FAFCF8;
  --foreground:          #1A1A1A;
  --primary:             #0B6E35;
  --primary-foreground: #FFFFFF;
  --secondary:          #F3F4F6;
  --secondary-foreground: #1A1A1A;
  --accent:             #F3F4F6;
  --accent-foreground:  #1A1A1A;
  --muted:              #F3F4F6;
  --muted-foreground:   #6B7280;
  --destructive:        #EF4444;
  --border:             #E5E7EB;
  --input:              #E5E7EB;
  --ring:               #0B6E35;
  --radius:             0.75rem;

  /* Drop custom semantic tokens */
  --color-drop-primary:  #0B6E35;
  --color-drop-secondary: #D4A017;
  --color-drop-accent:   #10B981;
  --color-drop-dark:     #1A1A1A;
  --color-drop-light:    #FAFCF8;
  --color-drop-error:    #EF4444;
}
```

2.3 Semantic Tokens (Dark Mode)

```
/* Phase 2 – Dark mode TBD */
[data-theme="dark"] {
  /* TBD – requires design review */
  /* Drop is light-mode-first. Dark mode planned for Phase 2. */
}
```

2.4 Brand Gradient

```
.bg-gradient-brand {
  background: linear-gradient(135deg, #0B6E35 0%, #D4A017 100%);
}
```

2.5 Contrast Ratios (WCAG)

Pair	Text Color	Background	Ratio	WCAG AA (4.5:1)	WCAG AAA (7:1)
Primary text on page bg	#1A1A1A	#FAFCF8	~18.6:1	Pass	Pass
Secondary text on page bg	#6B7280	#FAFCF8	~4.7:1	Pass	Fail
Primary button text	#FFFFFF	#0B6E35	~5.0:1	Pass	Fail
Success text	#10B981	#FFFFFF	~3.0:1	Fail (large text only)	Fail
Error text	#EF4444	#FFFFFF	~3.9:1	Fail (large text only)	Fail
Muted text	#9CA3AF	#FFFFFF	~2.9:1	Fail	Fail

Action items: Success (#10B981), error (#EF4444), and muted (#9CA3AF) colors fail WCAG AA for small text. These are used for semantic indicators (amount colors, hints) — always paired with a non-color indicator. Full audit in `accessibility-audit.md`.

3. Typography

3.1 Font Families

Token	Value	Usage
<code>--font-fraunces</code>	Fraunces, Georgia, "Times New Roman", serif	Display/headings, logo wordmark, brand text
<code>--font-dm-sans</code>	"DM Sans", -apple-system, BlinkMacSystemFont, "Segoe UI", sans-serif	Body text, UI labels, inputs (default body font)
<code>--font-geist-mono</code>	"Geist Mono", "JetBrains Mono", "Fira Code", "Courier New", monospace	Code, monospace elements

Why these fonts:

- **Fraunces** — Variable serif with "wonky" optical size. Gives character and warmth. Differentiates Drop from every other fintech app (which all use sans-serif). Signals: "we are different, we are human."
- **DM Sans** — Clean geometric sans-serif. Readable at all screen sizes. Friendly without being playful. Good number legibility (critical for fintech).

3.2 Type Scale

Token	Size	Weight	Line Height	Letter Spacing	Usage
Display	56px	700 (Fraunces)	1.1	-0.02em	Hero headlines (landing page)
H1	40px	600 (Fraunces)	1.2	-0.01em	Page titles
H2	32px	600 (Fraunces)	1.3	-0.005em	Section headers
H3	24px	500 (Fraunces)	1.3	normal	Sub-sections
H4	20px	600 (DM Sans)	1.4	normal	Card titles
Body Large	18px	400 (DM Sans)	1.7	normal	Lead paragraphs
Body	16px	400 (DM Sans)	1.6	normal	Default text
Body Small	14px	400 (DM Sans)	1.5	normal	Secondary content, captions
Label	14px	500 (DM Sans)	1.4	0.01em	Form labels, UI labels
Caption	12px	500 (DM Sans)	1.4	0.02em	Timestamps, meta, hints

3.3 In-App Tailwind Typography Patterns

Context	Tailwind Class	Example
Logo wordmark	<code>font-[family-name:var(--font-fraunces)] text-3xl font-bold</code>	"drop" on login
Page heading	<code>text-xl font-semibold text-[#1A1A1A]</code>	Dashboard greeting
Section heading	<code>text-lg font-semibold text-[#1A1A1A]</code>	"Siste transaksjoner"
Form label	<code>text-sm font-medium text-[#1A1A1A]</code>	"E-post"
Body text	Inherited DM Sans	General content
Muted text	<code>text-sm text-[#6B7280]</code>	Descriptions, timestamps
Small text	<code>text-xs text-[#9CA3AF]</code>	Footers, hints
Balance (large)	<code>text-2xl font-bold text-[#1A1A1A]</code>	Balance display
Amount (list)	<code>text-sm font-semibold</code> + color	Transaction amounts

4. Spacing & Layout

4.1 Spacing Scale (4px Base Unit — Tailwind defaults)

Tailwind	Value	Usage
<code>p-1</code>	4px	Micro gaps
<code>p-2</code>	8px	Tight inline spacing
<code>p-3</code>	12px	Compact elements
<code>p-4</code>	16px	Default content spacing
<code>p-6</code>	24px	Card padding, section padding
<code>p-8</code>	32px	Large section gaps
<code>px-6</code>	24px	Page horizontal padding (standard)
<code>pb-24</code>	96px	Bottom padding (BottomNav clearance)

4.2 Page Structure Patterns

```
/* Standard authenticated page */
min-h-screen bg-[#FAFCF8] /* Off-white background */
px-6 pb-24 pt-6 /* Padding: horizontal 24px, bottom 96px (nav), top 24px */

/* Login / onboarding (centered) */
min-h-screen bg-[#EEEEEE] /* Slightly darker bg for auth pages */
max-w-sm mx-auto /* 384px max width, centered */

/* Card pattern (standard) */
rounded-2xl bg-white p-6 shadow-sm

/* Card pattern (compact) */
rounded-xl bg-white p-4 shadow-sm
```

4.3 Responsive Breakpoints (Tailwind defaults)

Name	Min Width	Usage
Default	0px	Mobile — primary design target
<code>sm</code>	640px	Larger phones
<code>md</code>	768px	Tablets — landing page 2-column grid
<code>lg</code>	1024px	Desktop — landing page 3-column grid

Note: The app is mobile-first. `max-w-sm` containers keep content readable on wider screens.

4.4 Bottom Nav

The BottomNav is `fixed bottom-0 left-0 right-0` with `h-16 border-t bg-white`. All pages that include BottomNav must add `pb-24` to their content container.

5. Component Library

5.1 Custom Drop Components

Component	File	Status	Description
BottomNav	<code>components/bottom-nav.tsx</code>	Done	Fixed 5-tab navigation
DropLogo	<code>components/drop-logo.tsx</code>	Done	Forward-D SVG mark
DropWordmark	<code>components/drop-logo.tsx</code>	Done	"drop" in Fraunces
DropLogoFull	<code>components/drop-logo.tsx</code>	Done	Logo mark + wordmark
DropAppIcon	<code>components/drop-logo.tsx</code>	Done	App icon — rounded green square
CookieConsent	<code>components/cookie-consent.tsx</code>	Done	GDPR consent banner + modal
PrePaymentDisclosure	<code>components/pre-payment-disclosure.tsx</code>	Done	PSD2 pre-payment modal
PWARegister	<code>components/pwa-register.tsx</code>	Done	Service Worker registration
drop-icons	<code>components/drop-icons.tsx</code>	Done	9 custom fintech icons

5.2 shadcn/ui Primitive Components (Atoms)

Component	File	Radix Primitive	Status
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Alert	<code>ui/alert.tsx</code>	— (div-based)	Done
Avatar	<code>ui/avatar.tsx</code>	@radix-ui/react-avatar	Done
Badge	<code>ui/badge.tsx</code>	— (cva variants)	Done
Button	<code>ui/button.tsx</code>	@radix-ui/react-slot	Done
Card	<code>ui/card.tsx</code>	— (div-based)	Done
Dialog	<code>ui/dialog.tsx</code>	@radix-ui/react-dialog	Done
Input	<code>ui/input.tsx</code>	— (input element)	Done
ScrollArea	<code>ui/scroll-area.tsx</code>	@radix-ui/react-scroll-area	Done
Select	<code>ui/select.tsx</code>	@radix-ui/react-select	Done
Separator	<code>ui/separator.tsx</code>	@radix-ui/react-separator	Done
Sheet	<code>ui/sheet.tsx</code>	@radix-ui/react-dialog	Done
Skeleton	<code>ui/skeleton.tsx</code>	— (pulse animation)	Done
Sonner	<code>ui/sonner.tsx</code>	sonner toast library	Done
Tabs	<code>ui/tabs.tsx</code>	@radix-ui/react-tabs	Done

5.3 Layout Components

Component	Description
Page wrapper	<code>min-h-screen bg-[#FAFCF8] px-6 pb-24 pt-6</code>
Auth wrapper	<code>min-h-screen flex items-center justify-center bg-[#EEEEEE]</code>
Card	<code>rounded-2xl bg-white p-6 shadow-sm</code>
Scroll area	<code>ScrollArea</code> from shadcn/ui for transaction lists

6. Iconography Guidelines

Item	Standard
Primary library	<code>lucide-react</code>
Delivery	Inline SVG via React component
Sizes	<code>h-4 w-4</code> (inline/small), <code>h-5 w-5</code> (nav/buttons), <code>h-6 w-6</code> (feature icons)
Stroke width	1.5px at 24px (Lucide default)
Color	<code>currentColor</code> — inherits from parent text color

Item	Standard
Custom icons	<code>components/drop-icons.tsx</code> — 9 domain-specific icons
Social auth	Inline SVG — BankID (green rounded rect, "ID"), Vipps (orange circle, "V")

Custom Drop Icons:

Export	Description
<code>IconSendMoney</code>	Arrow going up-right from horizontal line
<code>IconQrScan</code>	QR code frame with scan corners
<code>IconVirtualCard</code>	Credit card outline
<code>IconShield</code>	Shield with checkmark
<code>IconFastTransfer</code>	Lightning bolt
<code>IconCorridors</code>	Globe with meridians
<code>IconWallet</code>	Wallet outline (unused — no wallet in pass-through model)
<code>IconHistory</code>	Clock with arrow
<code>IconTopUp</code>	Plus inside circle (unused — no top-up in pass-through model)

Accessibility rule: Icons conveying meaning must have `aria-label`. Decorative icons: `aria-hidden="true"`.

7. Motion & Animation Standards

7.1 Duration Tokens

Usage	Value
Button hover	<code>transition-colors</code> (CSS default ~150ms)
Focus states	<code>transition-colors</code> on border/ring
Loading states	Text replacement ("Logger inn...", "Sender...") or Skeleton
Scanner frame	<code>animate-pulse</code> on scan page corners
Complex animations	None in Phase 1 — simplicity-first

7.2 Easing Tokens

Token	Value	Usage
<code>--ease-default</code>	<code>cubic-bezier(0.4, 0, 0.2, 1)</code>	General UI transitions
<code>--ease-enter</code>	<code>cubic-bezier(0, 0, 0.2, 1)</code>	Elements entering
<code>--ease-exit</code>	<code>cubic-bezier(0.4, 0, 1, 1)</code>	Elements leaving

7.3 Reduced Motion

```
@media (prefers-reduced-motion: reduce) {
  *, *::before, *::after {
    animation-duration: 0.01ms !important;
    transition-duration: 0.01ms !important;
  }
}
```

Rule: Every animated component MUST respect `prefers-reduced-motion`.

8. Accessibility Requirements Per Component

Requirement	Buttons	Inputs	Modals	BottomNav	Transaction List
Keyboard accessible	Required	Required	Required	Required	Required
Focus visible	<code>ring-[#0B6E35]</code>	<code>focus:border-[#0B6E35]</code>	Focus trap	Required	Required
ARIA role	<code>button</code>	<code>textbox</code>	<code>dialog</code>	<code>nav</code>	<code>list</code> / <code>listitem</code>
Screen reader label	Visible text or <code>aria-label</code>	<code><label></code> associated	<code>aria-labelledby</code>	<code>aria-label="Navigasjon"</code>	—
Error state	Text message	<code>text-[#EF4444]</code>	—	—	—
Touch target	<code>h-12</code> (48px)	<code>h-11</code> (44px)	—	<code>h-16</code> (64px)	<code>min-h-[44px]</code>

9. Design Token Format

9.1 CSS Custom Properties (Source of Truth)

```
/* src/app/globals.css */
:root {
  --color-drop-primary: #0B6E35;
  --color-drop-secondary: #D4A017;
  --color-drop-accent: #10B981;
  --color-drop-dark: #1A1A1A;
  --color-drop-light: #FAFCF8;
  --color-drop-error: #EF4444;
  /* shadcn/ui tokens... */
}
```

9.2 Tailwind Config Extension

```
// tailwind.config.ts
export default {
  theme: {
    extend: {
      colors: {
        drop: {
          primary: '#0B6E35',
          secondary: '#D4A017',
          accent: '#10B981',
          dark: '#1A1A1A',
          light: '#FAFCF8',
          error: '#EF4444',
        }
      },
    },
    fontFamily: {
      fraunces: ['var(--font-fraunces)', 'Georgia', 'serif'],
      sans: ['var(--font-dm-sans)', 'system-ui', 'sans-serif'],
      mono: ['var(--font-geist-mono)', 'monospace'],
    }
  }
}
```

9.3 JavaScript/TypeScript Constants (for charting/canvas)

```
// For use in non-CSS contexts (future charts, canvas)
export const dropColors = {
  primary: '#0B6E35',
  secondary: '#D4A017',
  accent: '#10B981',
  dark: '#1A1A1A',
  light: '#FAFCF8',
  error: '#EF4444',
} as const;
```

Token update process: Figma → update `globals.css` CSS variables → update Tailwind config → PR review.

10. Component Code Patterns

Primary Button

```
<Button className="h-12 w-full rounded-xl bg-[#0B6E35] text-sm font-semibold text-white shadow-sm hover:bg-[#095C2C]">
  Send pengler
</Button>
```

Outline Button

```
<button className="flex h-12 flex-1 items-center justify-center gap-2 rounded-xl border border-[#E5E7EB] bg-white text-sm font-medium text-[#1A1A1A] hover:bg-[#F9F9FB]">
  Avbryt
</button>
```

Text Input with Left Icon

```
<div className="relative">
  <Mail className="absolute left-3 top-1/2 h-4 w-4 -translate-y-1/2 text-[#6B7280]" />
  <input
    className="h-11 w-full rounded-lg border border-[#E5E7EB] bg-[#F9FAFB] pl-10 pr-3 text-sm
outline-none focus:border-[#0B6E35] focus:ring-1 focus:ring-[#0B6E35]"
    type="email"
    placeholder="din@epost.no"
  />
</div>
```

Error Message

```
<p className="rounded-md bg-[#EF4444]/10 p-2 text-sm text-[#EF4444]">
  {error}
</p>
```

Primary Badge

```
<span className="rounded-full bg-[#0B6E35]/10 px-2 py-0.5 text-xs font-medium text-[#0B6E35]">
  Primær konto
</span>
```

Avatar (Initials)

```
<div className="flex h-10 w-10 items-center justify-center rounded-full bg-[#0B6E35] text-sm
font-bold text-white">
  {initials}
</div>
```

Transaction Amount (Positive / Negative)

```
// Positive (received)
<span className="text-sm font-semibold text-[#10B981]">+1 250,00 NOK</span>

// Negative (sent)
<span className="text-sm font-semibold text-[#EF4444]">-500,00 NOK</span>
```

Approval

Role	Name	Date	Signature
Author	John (AI Director)	2026-02-23	
Lead Designer			
Frontend Lead			
Accessibility Reviewer			

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