

DiaBuddy Design System - Edited

1. Design Philosophy – Refined

- **Empathetic & Human:** Use soft shadows, rounded corners, and gentle animations to reduce cognitive load.
 - **Clarity & Simplicity:** Avoid unnecessary text or clutter; each card and input should have a single purpose.
 - **Consistency:** Maintain identical patterns for tracking, notifications, and social interactions.
 - **Accessibility:** Include color-blind friendly palette and scalable fonts.
 - **Trust & Motivation:** Use subtle micro-interactions to reinforce positive behavior (e.g., glucose level logging).
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2. Color System – Expanded

Primary Colors

Name	Hex	Usage
Green700	#023728	Buttons, navigation bar, active icons.
Green500	#59B35B	Highlights, success states, chart indicators.
Green300	#8BD88C	Hover states, card backgrounds, selected tags.
Green100	#D5F2D6	Info card backgrounds, secondary buttons, subtle success messages.

Extra: Add **gradient for headers:** linear-gradient(90deg, #023728, #59B35B) for dashboards or achievements banner.

Neutral Colors

Name	Hex	Usage
White	#FFFFFF	Default background, forms, modals.
Gray100	#F3F4F6	Card backgrounds, containers, secondary panels.
Gray200	#E5E7EB	Disabled buttons, inputs.
Gray300	#D1D5DB	Borders, dividers, skeleton loaders.

Name	Hex	Usage
Gray500	#6B7280	Secondary text, icons.
Gray900	#111827	Primary text, dark mode base.

Extra: Add **Gray50** #FAFAFA for large page backgrounds and subtle layering.

Functional Colors – Extended

State	Color	Usage
Success	#16A34A	Task completion, positive health status, achievements.
Error	#DC2626	Input errors, critical alerts.
Warning	#F59E0B	Near-threshold blood sugar, reminder notifications.
Info	#3B82F6	Education cards, informational alerts.
Disabled	#9CA3AF	Inactive buttons, form fields.
Highlight	#FDE68A	Important text, tips, or callouts within content.

Accent Colors – Extended Use

Accent	Color	Use
Teal500	#14B8A6	Graphs, analytics, stats indicators.
Orange400	#FB923C	Meal tracking visuals, progress meters.
Purple500	#8B5CF6	Challenges, achievements, gamification elements.
Pink400	#F472B6	Social posts, messages, community highlights.
Cyan300	#5EEAD4	Tooltip backgrounds, hover highlights.
Yellow400	#FACC15	Warnings, tips, motivational badges.

3. Typography – Detailed

Font Family: Montserrat (Primary) | Arabic: Tajawal

Style	Size	Weight	Letter Spacing	Case	UI Placement
Display/XL	48	Bold	-0.5%	Title Case	Onboarding main titles, splash screen.
Display/LG	40	Semi-Bold	-0.3%	Title Case	Home dashboard headers, achievement banners.
Heading/H1	32	Semi-Bold	-0.2%	Sentence Case	Page titles like "My Analytics", "Doctor Details".
Heading/H2	24	Semi-Bold	-0.1%	Sentence Case	Section headers in dashboards, charts.
Heading/H3	20	Medium	0%	Sentence Case	Cards, tabs, community post titles.
Subtitle/Medium	18	Medium	0%	Sentence Case	Subsection headers, tooltip headings.
Body/Large	16	Regular	0%	Sentence Case	Default text in forms, descriptions, analytics details.
Body/Small	14	Regular	0%	Sentence Case	Secondary info, meta-data in cards, notifications.
Caption	12	Regular	0.5%	Uppercase	Helper text, footnotes, tips.
Label/Medium	14	Semi-Bold	1%	Uppercase	Form labels, stats card headings.
Label/Small	12	Semi-Bold	1%	Uppercase	Units, chart labels.
Button/Text	16	Bold	1.5%	Uppercase	All primary/secondary buttons, CTAs.

Extra Notes:

- **Minimum body size:** 16px for readability.
- **Arabic & English hierarchy consistent.**
- **Letter spacing adjustments:** slight negative for large headers, positive for buttons/labels for readability.
- **WCAG 2.1 AA compliant contrast ratios.**

4. Layout, Grid & Spacing – Enhanced

Grid System

Device	Columns	Gutter	Margin	Safe space
iPhone 16 Pro Max	4	16px	24px	top 44px - bottom 34px
Tablet	8	24px	32px	
Web	12	32px	64px	

Extra: Nested grids supported for cards inside dashboards and modals.

Radius & Shadows

shadows	X	Y	Blur	Spread	Color (Hex)	Opacity	Usage
Elevation 1	0 px	1 px	3 px	0 px	#000000	12%	Inputs, small buttons
Elevation 2	0 px	4 px	8 px	0 px	#000000	15%	Cards, panels
Elevation 3	0 px	8 px	16 px	0 px	#000000	20%	Floating buttons, modals, bottom sheets