**Email**

^[A-Za-z0-9.\_%+-]+@[A-Za-z0-9.-]+\.[A-Za-z]{2,}$

**Indian mobile (10 digits, starts 6-9)**

^[6-9]\d{9}$

**IPv4 (strict)**

^((25[0-5]|2[0-4]\d|1\d{2}|[1-9]?\d)\.){3}(25[0-5]|2[0-4]\d|1\d{2}|[1-9]?\d)$

**URL (http/https)**

^https?:\/\/[\w\-]+(\.[\w\-]+)+([\/?#][^\s]\*)?$

**Date DD-MM-YYYY**

^(0[1-9]|[12][0-9]|3[01])-(0[1-9]|1[0-2])-(\d{4})$

**Time 24-hour (HH:MM or HH:MM:SS)**

^([01]\d|2[0-3]):[0-5]\d(:[0-5]\d)?$

**Strong password (≥8, 1 upper, 1 lower, 1 digit, 1 special)**

^(?=.\*[a-z])(?=.\*[A-Z])(?=.\*\d)(?=.\*[^A-Za-z0-9]).{8,}$

**Username (alphanumeric + underscore, 3–16 chars)**

^[A-Za-z0-9\_]{3,16}$

**Hex color**

^#?([A-Fa-f0-9]{6}|[A-Fa-f0-9]{3})$

**Generic IP finder (in logs)**

\b(?:\d{1,3}\.){3}\d{1,3}\b

**India PIN code (6 digits)**

^[1-9][0-9]{5}$