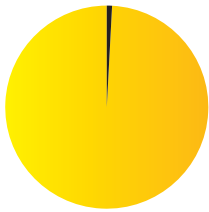


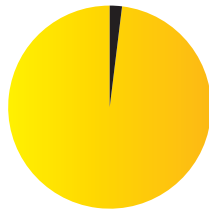
Uptime & downtime conversion cheat sheet

Easily convert uptime percentages to monthly or yearly downtime in days, hours and minutes



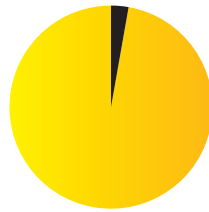
99% Uptime

7h 12m monthly downtime
3d 15h 36m yearly downtime



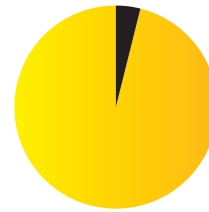
98% Uptime

14h 24m monthly downtime
7d 7h 12m yearly downtime



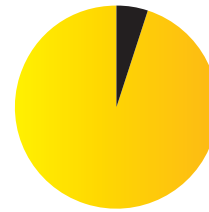
97% Uptime

21h 36m monthly downtime
10d 22h 48m yearly downtime



96% Uptime

1d 4h 48m monthly downtime
14d 14h 24m yearly downtime



95% Uptime

1d 12h 0m monthly downtime
18d 6h 0m yearly downtime

Uptime	Downtime per month	Downtime per year
100%	0m	0m
99.999%	0.4m	5m
99.99%	4m	52m
99.9%	43m	8h 46m
99.8%	1h 26m	17h 31m
99.7%	2h 10m	1d 2h 17m
99.6%	2h 53m	1d 11h 2m
99.5%	3h 36m	1d 19h 48m
99.4%	4h 19m	2d 4h 34m
99.3%	5h 2m	2d 13h 19m
99.2%	5h 46m	2d 22h 5m
99.1%	6h 29m	3d 6h 50m
99.0%	7h 12m	3d 15h 36m
98.9%	7h 55m	4d 0h 22m
98.8%	8h 38m	4d 9h 7m
98.7%	9h 22m	4d 17h 53m
98.6%	10h 5m	5d 2h 38m
98.5%	10h 48m	5d 11h 24m
98.4%	11h 31m	5d 20h 10m
98.3%	12h 14m	6d 4h 55m
98.2%	12h 58m	6d 13h 41m
98.1%	13h 41m	6d 22h 26m
98.0%	14h 24m	7d 7h 12m

A note on "the nines": When discussing reliability, one often talks about "five nines" (99.999%), "four nines" (99.99%), "three nines" (99.9%), etc.

A note on maintenance: Many service providers do not count downtime caused by planned maintenance into their uptime numbers.

Uptime	Downtime per month	Downtime per year
97.9%	15h 7m	7d 15h 58m
97.8%	15h 50m	8d 0h 43m
97.7%	16h 34m	8d 9h 29m
97.6%	17h 17m	8d 18h 14m
97.5%	18h 0m	9d 3h 0m
97.4%	18h 43m	9d 11h 46m
97.3%	19h 26m	9d 20h 31m
97.2%	20h 10m	10d 5h 17m
97.1%	20h 53m	10d 14h 2m
97.0%	21h 36m	10d 22h 48m
96.9%	22h 19m	11d 7h 34m
96.8%	23h 2m	11d 16h 19m
96.7%	23h 46m	12d 1h 5m
96.6%	1d 0h 29m	12d 9h 50m
96.5%	1d 1h 12m	12d 18h 36m
96.4%	1d 1h 55m	13d 3h 22m
96.3%	1d 2h 38m	13d 12h 7m
96.2%	1d 3h 22m	13d 20h 53m
96.1%	1d 4h 5m	14d 5h 38m
96.0%	1d 4h 48m	14d 14h 24m
95.9%	1d 5h 31m	14d 23h 10m
95.8%	1d 6h 14m	15d 7h 55m
95.7%	1d 6h 58m	15d 16h 41m
95.6%	1d 7h 41m	16d 1h 26m
95.5%	1d 8h 24m	16d 10h 12m
95.4%	1d 9h 7m	16d 18h 58m
95.3%	1d 9h 50m	17d 3h 43m
95.2%	1d 10h 34m	17d 12h 29m
95.1%	1d 11h 17m	17d 21h 14m
95.0%	1d 12h 0m	18d 6h 0m

In the table above, a month is 30 days and a year is 365 days.

You can learn more about the Pingdom uptime monitoring service at www.pingdom.com, or read our blog at royal.pingdom.com.