

# All units in frequency

Edit any value and every other unit updates instantly.

|                                    |                   |
|------------------------------------|-------------------|
| METRIC · 6 units                   |                   |
| terahertz THz <span>TO UNIT</span> | 0.001000          |
| gigahertz GHz <span>FROM</span>    | 1.000             |
| megahertz MHz                      | 1 000             |
| kilohertz kHz                      | 1 000 000         |
| hertz Hz ⓘ                         | 1 000 000 000     |
| millihertz mHz                     | 1 000 000 000 000 |
| COMMON UNITS · 2 units             |                   |
| revolution per second rps ⓘ        | 1 000 000 000     |
| revolution per minute rpm ⓘ        | 60 000 000 000    |



## How your data is used



Your privacy preferences are important. That's why, based on legitimate interest, we and our partners process and share only limited data such as your device type and content interactions for advertising, research and service development purposes.

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# Conversion table from gigahertz to hertz

| GIGAHERTZ | HERTZ          |
|-----------|----------------|
| 0         | 0              |
| 1.000     | 1 000 000 000  |
| 2.000     | 2 000 000 000  |
| 3.000     | 3 000 000 000  |
| 4.000     | 4 000 000 000  |
| 5.000     | 5 000 000 000  |
| 6.000     | 6 000 000 000  |
| 7.000     | 7 000 000 000  |
| 8.000     | 8 000 000 000  |
| 9.000     | 9 000 000 000  |
| 10.00     | 10 000 000 000 |
| 11.00     | 11 000 000 000 |
| 12.00     | 12 000 000 000 |
| 13.00     | 13 000 000 000 |
| 14.00     | 14 000 000 000 |
| 15.00     | 15 000 000 000 |
| 16.00     | 16 000 000 000 |
| 17.00     | 17 000 000 000 |
| 18.00     | 18 000 000 000 |
| 19.00     | 19 000 000 000 |
| 20.00     | 20 000 000 000 |
| 21.00     | 21 000 000 000 |



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| GIGAHERTZ | HERTZ          |
|-----------|----------------|
| 22.00     | 22 000 000 000 |
| 23.00     | 23 000 000 000 |
| 24.00     | 24 000 000 000 |
| 25.00     | 25 000 000 000 |
| 26.00     | 26 000 000 000 |
| 27.00     | 27 000 000 000 |
| 28.00     | 28 000 000 000 |
| 29.00     | 29 000 000 000 |



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# Conversion table from gigahertz to kilohertz

| GIGAHERTZ | KILOHERTZ  |
|-----------|------------|
| 0         | 0          |
| 1.000     | 1 000 000  |
| 2.000     | 2 000 000  |
| 3.000     | 3 000 000  |
| 4.000     | 4 000 000  |
| 5.000     | 5 000 000  |
| 6.000     | 6 000 000  |
| 7.000     | 7 000 000  |
| 8.000     | 8 000 000  |
| 9.000     | 9 000 000  |
| 10.00     | 10 000 000 |
| 11.00     | 11 000 000 |
| 12.00     | 12 000 000 |
| 13.00     | 13 000 000 |
| 14.00     | 14 000 000 |
| 15.00     | 15 000 000 |
| 16.00     | 16 000 000 |
| 17.00     | 17 000 000 |
| 18.00     | 18 000 000 |
| 19.00     | 19 000 000 |
| 20.00     | 20 000 000 |
| 21.00     | 21 000 000 |



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| GIGAHERTZ | KILOHERTZ  |
|-----------|------------|
| 22.00     | 22 000 000 |
| 23.00     | 23 000 000 |
| 24.00     | 24 000 000 |
| 25.00     | 25 000 000 |
| 26.00     | 26 000 000 |
| 27.00     | 27 000 000 |
| 28.00     | 28 000 000 |
| 29.00     | 29 000 000 |



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# Conversion table from gigahertz to revolution per minute

| GIGAHERTZ | REVOLUTION PER MINUTE |
|-----------|-----------------------|
| 0         | 0                     |
| 1.000     | 60 000 000 000        |
| 2.000     | 120 000 000 000       |
| 3.000     | 180 000 000 000       |
| 4.000     | 240 000 000 000       |
| 5.000     | 300 000 000 000       |
| 6.000     | 360 000 000 000       |
| 7.000     | 420 000 000 000       |
| 8.000     | 480 000 000 000       |
| 9.000     | 540 000 000 000       |
| 10.00     | 600 000 000 000       |
| 11.00     | 660 000 000 000       |
| 12.00     | 720 000 000 000       |
| 13.00     | 780 000 000 000       |
| 14.00     | 840 000 000 000       |
| 15.00     | 900 000 000 000       |
| 16.00     | 960 000 000 000       |
| 17.00     | 1 020 000 000 000     |
| 18.00     | 1 080 000 000 000     |
| 19.00     | 1 140 000 000 000     |
| 20.00     | 1 200 000 000 000     |
| 21.00     | 1 260 000 000 000     |



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| GIGAHERTZ | REVOLUTION PER MINUTE |
|-----------|-----------------------|
| 22.00     | 1 320 000 000 000     |
| 23.00     | 1 380 000 000 000     |
| 24.00     | 1 440 000 000 000     |
| 25.00     | 1 500 000 000 000     |
| 26.00     | 1 560 000 000 000     |
| 27.00     | 1 620 000 000 000     |
| 28.00     | 1 680 000 000 000     |
| 29.00     | 1 740 000 000 000     |



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