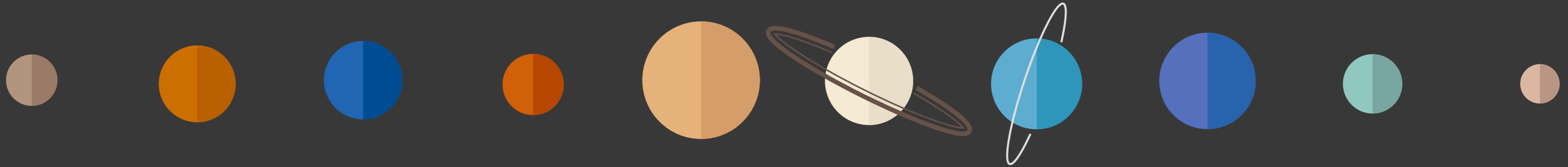


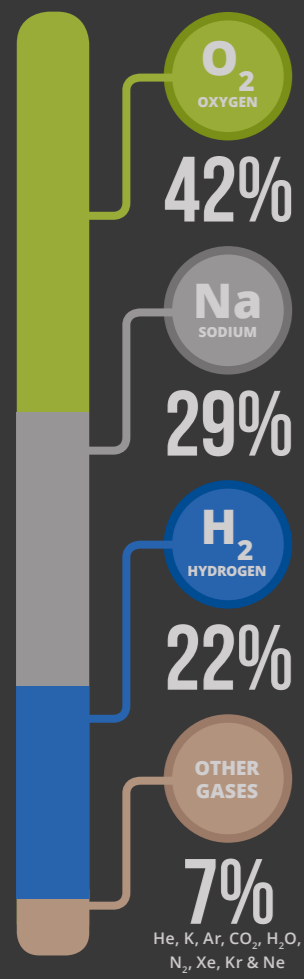
THE ATMOSPHERES OF THE SOLAR SYSTEM



The Terrestrial Planets

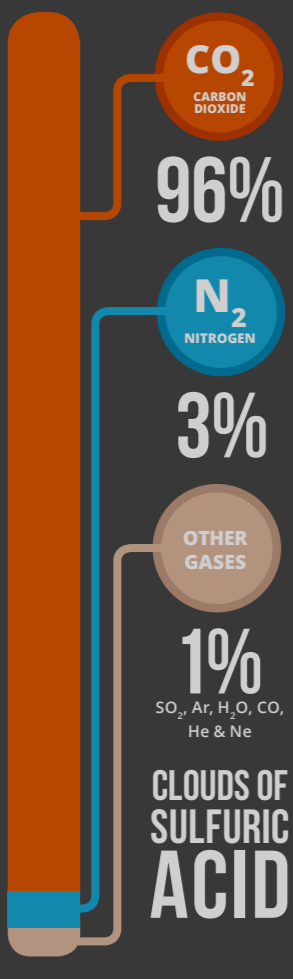
MERCURY

Pressure: $\sim 10^{-14}$ atm



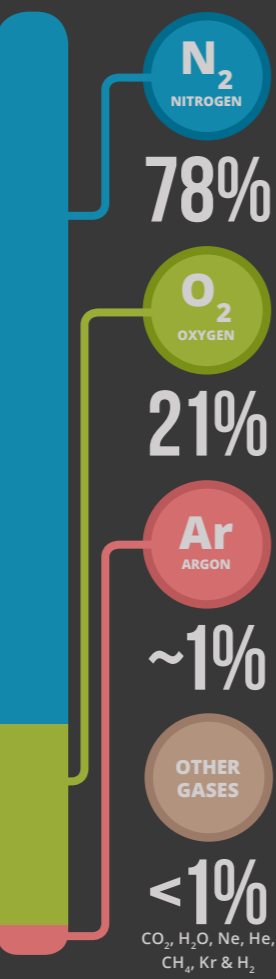
VENUS

Pressure: ~ 90 atm



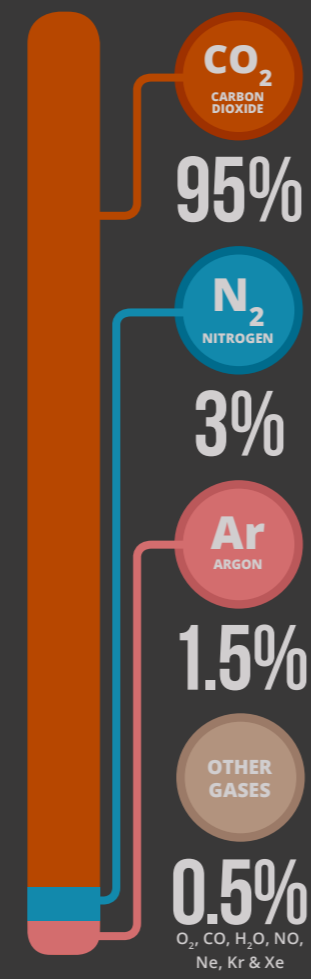
EARTH

Pressure: ~ 1 atm



MARS

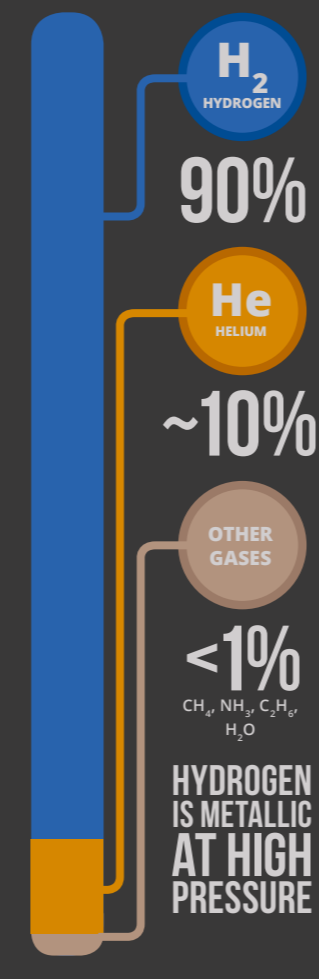
Pressure: ~ 0.006 atm



The Gas and Ice Giants

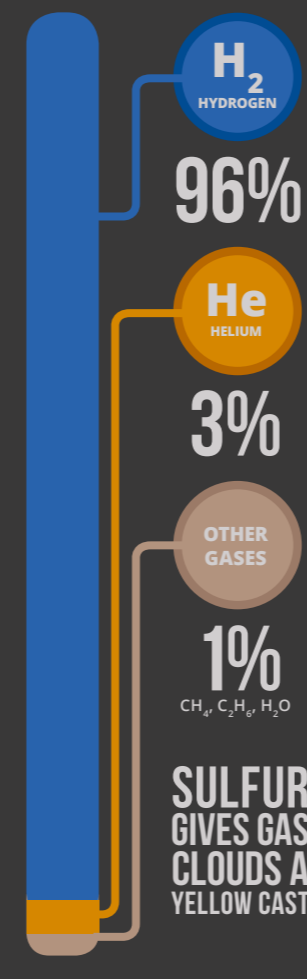
JUPITER

Pressure: $\gg 1000$ atm



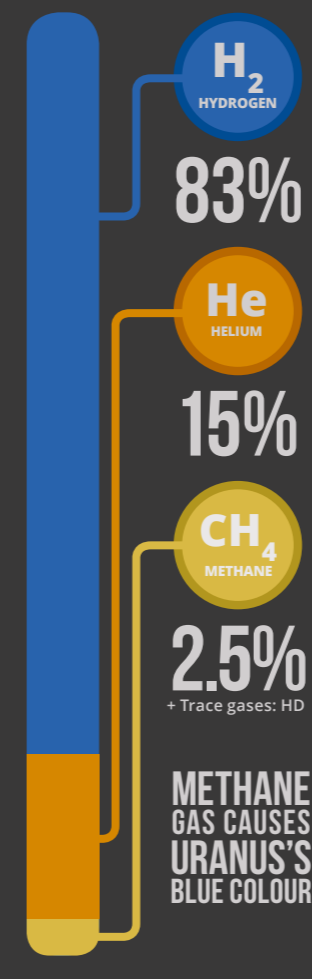
SATURN

Pressure: $\gg 1000$ atm



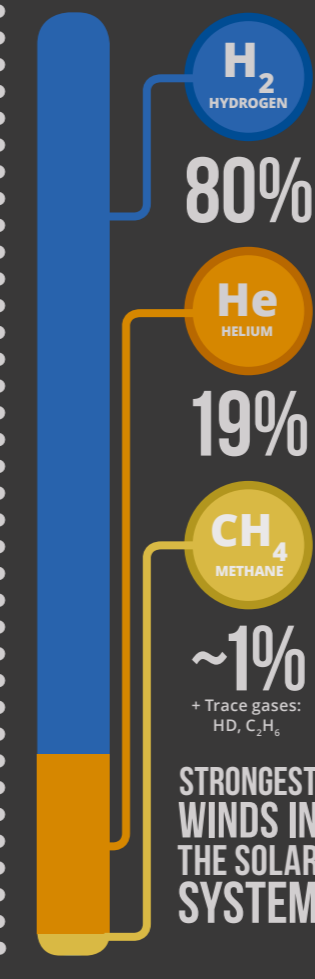
URANUS

Pressure: $\gg 1000$ atm



NEPTUNE

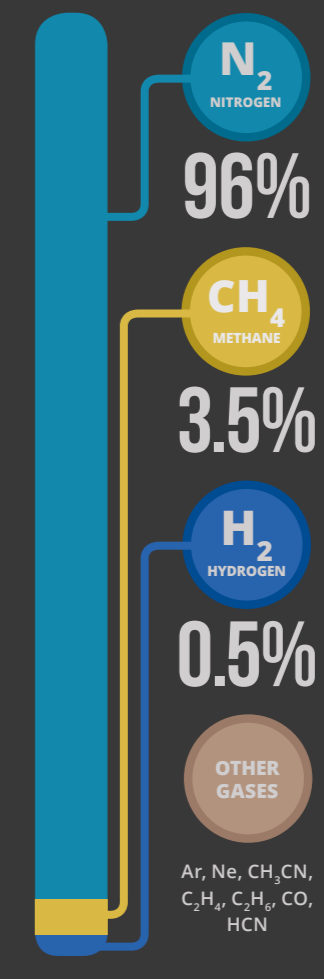
Pressure: $\gg 1000$ atm



Other Bodies

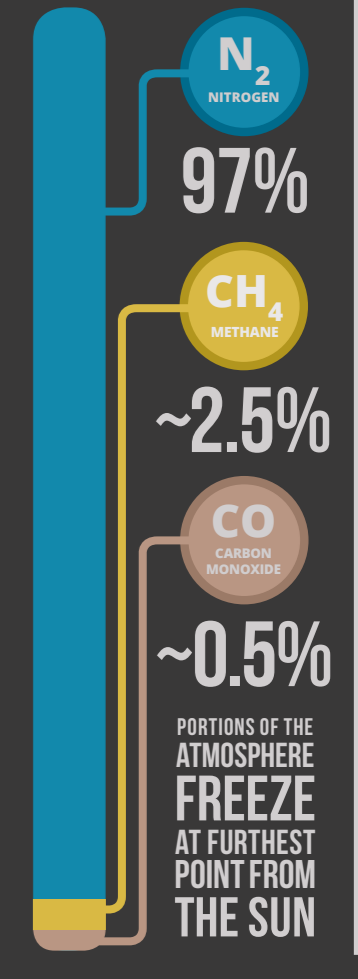
TITAN

Pressure: ~ 1.45 atm



PLUTO

Pressure: $\sim 3 \times 10^{-6}$ atm



Note: Planet sizes not to scale. Pressures for terrestrial planets are surface pressures. Mercury's atmosphere is not an atmosphere in the strict sense of the word, being a trillion times thinner than Earth's.



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