

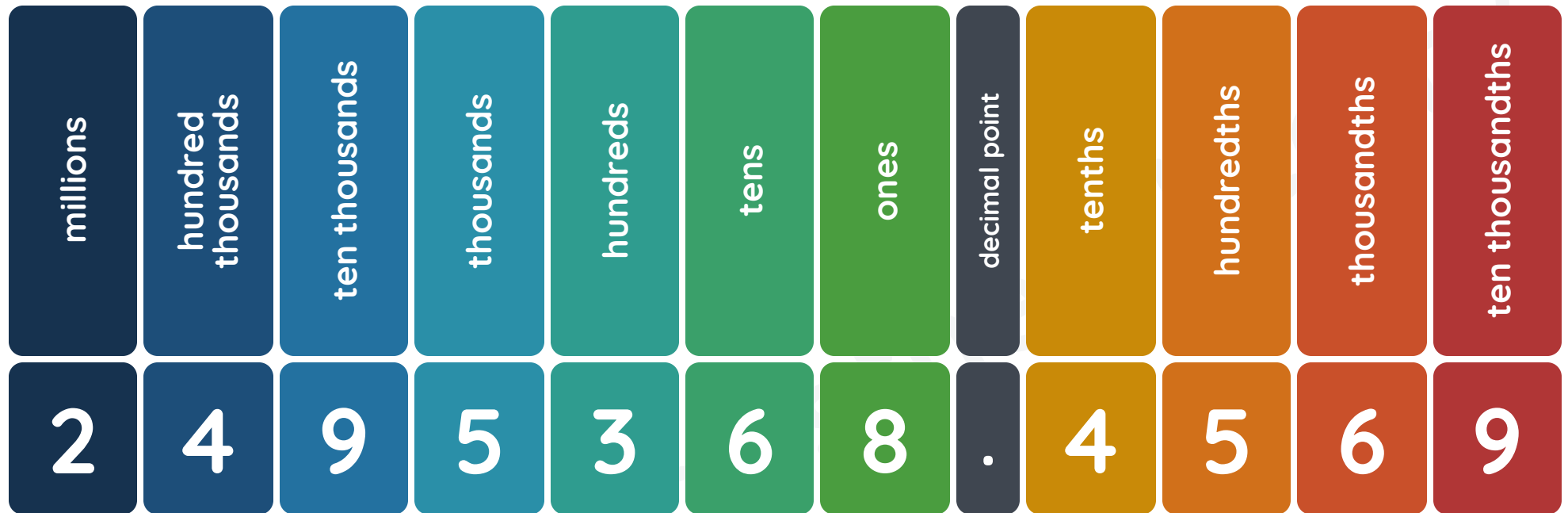
Decimal Place Value Chart

Each place is ten times the one on its right. Cool colours are whole numbers, warm are parts of one.

millions	hundred thousands	ten thousands	thousands	hundreds	tens	ones	decimal point	tenths	hundredths	thousandths	ten thousandths
1000000	100000	10000	1000	100	10	1	.	0.1	0.01	0.001	0.0001
1000000	100000	10000	1000	100	10	1	.	$\frac{1}{10}$	$\frac{1}{100}$	$\frac{1}{1000}$	$\frac{1}{10000}$

Reading a Decimal Number

Every digit sits in a place, and the place tells you what it is worth.



The comma

Counting from the decimal point leftwards, a comma goes after every third digit. It groups the whole number so it can be read at a glance.

The decimal point

It separates the whole number from the part that is less than one. Everything to its right is a fraction of one.

Place Value Chart

Write one digit in each column. Line the decimal points up underneath each other.

millions	hundred thousands	ten thousands	thousands	hundreds	tens	ones	decimal point	tenths	hundredths	thousandths	ten thousandths