Basic Integer Values

Value	Base	Result
0	default	0
-23	default	-23
23	hex	17
23	oct	27

Basic Float Values

Value	Precision	Format	Result
3	default	default	3
3.14	default	default	3.14
-1.23457e-24	default	default	-1.23457×10^{-24}
-1.23457e-24	3	scientific	-1.235×10^{-24}
-1.235e-24	10	scientific + latex_as_text	-1.2345678765$\times$10^{-24}
-1.2345678765e-24	3	scientific + multiply_x	$-1.235 \mathrm{x} 10^{-24}$
-1.235e-24	10	scientific + latex_as_text + multiply_x	-1.2345678765x10^{-24}
-1.2345678765e-24	3	scientific + multiply_dot	$-1.235 \cdot 10^{-24}$
-1.235e-24	10	scientific + latex_as_text + multiply_dot	-1.2345678765$\cdot$10^{-24}
0	default	default	0
-0	default	default	-0
inf	default	default	∞
-inf	default	default	$-\infty$
nan	default	default	NaN
0	default	latex_as_text	0
-0	default	latex_as_text	-0
inf	default	latex_as_text	∞
-inf	default	latex_as_text	$-\infty$
nan	default	latex_as_text	NaN

Basic Complex Values

Value	Precision	Format	Result
(3.25,4.67)	default	default	$3.25 + 4.67i$
(3.14,0)	default	default	3.14
(1.23,-1.234567876e-24)	default	default	$1.23 - 1.234567876 \times 10^{-24}i$
(1.23,-1.234567876e-24)	3	scientific	$1.230 \times 10^{+00} - 1.235 \times 10^{-24}i$
(1.230e+00,-1.235e-24)	12	default + slanted_i	$1.23 - 1.2345678765 \times 10^{-24}i$
(1.23,-1.2345678765e-24)	12	default + upright_i	$1.23 - 1.2345678765 \times 10^{-24}\mathrm{i}$
(1.23,-1.2345678765e-24)	12	default + slanted_i + latex_as_text	1.23 - 1.2345678765$\times$10^{-24}i
(1.23,-1.2345678765e-24)	12	default + upright_i + latex_as_text	1.23 - 1.2345678765$\times$10^{-24}i

Complex Special Values

Value	Precision	Format	Result
(0,0)	default	default	0
(0,0)	default	show_zero_components	0 + 0i
(2.5,0)	default	default	2.5
(2.5,0)	default	show_zero_components	2.5 + 0i
(-2.5,0)	default	default	-2.5
(-2.5,0)	default	show_zero_components	-2.5 + 0i
(0,2.5)	default	default	2.5i
(0,2.5)	default	show_zero_components	0 + 2.5i
(0,-2.5)	default	default	-2.5i
(0,-2.5)	default	show_zero_components	0 - 2.5i
(inf,2.5)	default	default	$\tilde{\infty}$
(2.5,inf)	default	default	$\tilde{\infty}$
(nan,2.5)	default	default	NaN
(2.5,nan)	default	default	NaN
(nan,inf)	default	default	NaN
(inf,nan)	default	default	NaN