

Converting Colors

Hex(9918E7)

Have a look what the booklet for
Hex(9918E7) contains.

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Color

Hex(9918E7)

Conversions

Conversions Part 1	
Format	Color
Hex	9918E7
RGB	153, 24, 231
RGB Percent	60%, 9%, 91%
CMY	0.4000, 0.9059, 0.0941
CMYK	0.34, 0.90, 0.00, 0.09
HSL	277°, 81%, 50%
HSV	277°, 90%, 91%
XYZ	27.8873, 13.1951, 76.6784
YIQ	86.1690, 10.4370, 91.7250

Conversions

Conversions Part 2

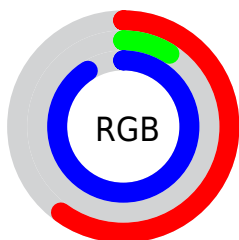
Format	Color
RYB	153, 24, 231
Decimal	10033383
CIELab	43.06, 77.70, -76.12
CIELCh	43, 108.768, 315.588
Yxy	13.1951, 0.2368, 0.1120
Android (android.graphics.Color)	4288223463 (0xFF9918E7)
YUV	86.1690, 71.4017, 58.6108
Hunter-Lab	36.3251, 73.4684, -99.7275

Details

The Hex color **9918E7** is a dark color, and the websafe version is hex **9933FF**. The color can be described as middle washed purple. A complement of this color would be **66E718**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **D55CFF**, and **5C00AE** is the 20% darker color. If you saturate the color by 10%, you get **9001E7**, and if you desaturate by 10%, it is **A22FE7**.

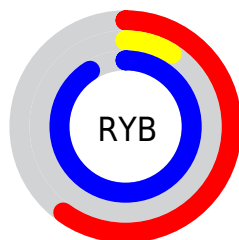
Distribution



Red (60%)

Green (9%)

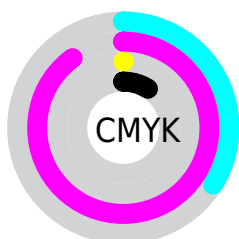
Blue (91%)



Red (60%)

Yellow (9%)

Blue (91%)

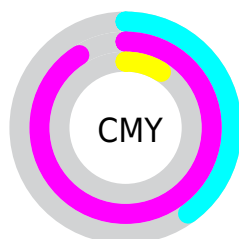


Cyan (34%)

Magenta (90%)

Yellow (0%)

Black (9%)



Cyan (40%)

Magenta (91%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9918E7 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 9918E7 by changing the saturation by 10% instead.



9918E7



9918E7

FFFFFF



7B00CA



D55CFF



5C00AE



F479FF



3C0092



FF96FF



150078



FFB3FF



00005E



FFD0FF



000445



FFEEFF



00032E



000118



000000

 9918E7

 9918E7

 9001E7

 A22FE7

 9000E7

 AA46E7

 B35DE7

 BC74E7

 C58CE7

 CDA3E7

 D6BAE7

 DFD1E7

 E7E8E7

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



0065FF



9918E7



E70095

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



9918E7



9F5100



008594

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



9918E7



66E718

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



008334



9918E7



4F7000

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



9918E7



D80000



007D00



0086E8

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



9918E7



F6005A



007D00



008475

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



9918E7



E5BAFF



1867E7



705780



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



9918E7



9F00FF



E718CF



6E6773



6F00B3



200033

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



E71866



FF0060



18E730



73676C



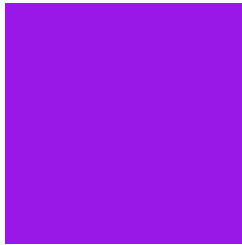
B30043



330013

Previews

White Background



This preview shows how the Hex color 9918E7 looks on a white background.

Color Contrast Check

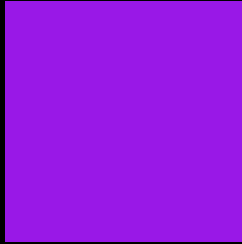
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 9918E7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 9918E7 Background



This preview shows how black text looks on a background with the Hex color 9918E7.



This preview shows how white text looks on a background with the Hex color 9918E7.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

9918E7

Protanopia

0063D0





Deuteranopia

0069B4






Tritanopia
815C63

Trichromacy

	Original Color 9918E7
	Protanomaly 3848D8
	Deuteranomaly 384CC7
	Tritanomaly 8A4393

Monochromacy

	Original Color 9918E7
	Achromatopsia 565656
	Achromatomaly 6E3F8B

CSS Examples

Text

The CSS property to change the color of the text to Hex 9918E7 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #9918E7 looks like.

```
.text, #text, p{  
    color:#9918E7  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #9918E7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9918E7
}
```

Border

The CSS property to change the border of an element to Hex 9918E7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9918E7 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#9918E7 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #9918E7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9918E7; -webkit-box-shadow:4px 4px  
4px 4px #9918E7; box-shadow:4px 4px 4px  
4px #9918E7 }
```

Background

The CSS property to change the background color of an element to Hex 9918E7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9918E7 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#9918E7 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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