

Converting Colors

Hex(9F51E1)

Have a look what the booklet for
Hex(9F51E1) contains.

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Color

Hex(9F51E1)

Conversions

Conversions Part 1

Format	Color
Hex	9F51E1
RGB	159, 81, 225
RGB Percent	62%, 32%, 88%
CMY	0.3765, 0.6824, 0.1176
CMYK	0.29, 0.64, 0.00, 0.12
HSL	272°, 71%, 60%
HSV	272°, 64%, 88%
XYZ	30.8311, 18.6920, 73.2171
YIQ	120.7380, 0.2640, 61.3200

Conversions

Conversions Part 2

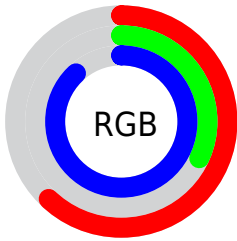
Format	Color
R_{YB}	159, 81, 225
Decimal	10441185
CIE _{Lab}	50.32, 57.66, -60.87
CIE _{LCh}	50, 83.844, 313.453
Yxy	18.6920, 0.2512, 0.1523
Android (android.graphics.Color)	4288631265 (0xFF9F51E1)
YUV	120.7380, 51.4012, 33.5558
Hunter-Lab	43.2343, 51.6314, -70.1434

Details

The Hex color **9F51E1** is a light color, and the websafe version is hex **9933CC**. The color can be described as light muted purple. A complement of this color would be **93E151**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **D987FF**, and **6619A9** is the 20% darker color. If you saturate the color by 10%, you get **953BE1**, and if you desaturate by 10%, it is **A967E1**.

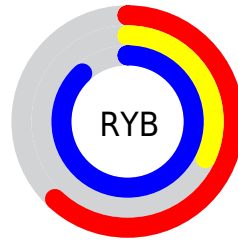
Distribution



Red (62%)

Green (32%)

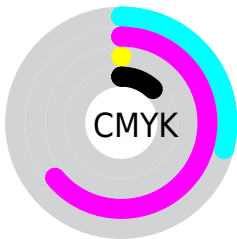
Blue (88%)



Red (62%)

Yellow (32%)

Blue (88%)

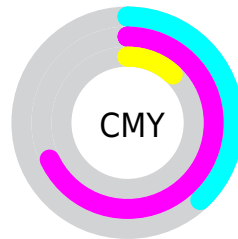


Cyan (29%)

Magenta (64%)

Yellow (0%)

Black (12%)



Cyan (38%)

Magenta (68%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9F51E1 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 9F51E1 by changing the saturation by 10% instead.

 9F51E1

 9F51E1

FFFFFF

 8236C5

 D987FF

 6619A9

 F7A2FF

 49008E

 FFBEFF

 2B0073

 FFDBFF

 0B005A

 FFF8FF

 000041

 00032A

 000114

 000000

9F51E1

9F51E1

953BE1

A967E1

8A24E1

B47EE1

800EE1

BE94E1

7A00E1

C8ABE1

D3C2E1

DDD8E1

E7EFE1

F2FFE1

FCFFE1

Harmonies

Analogous

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



0077FF



9F51E1



E00CA2

Triad

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



9F51E1



B26600



009597

Complementary

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



9F51E1



93E151

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.



00934C



9F51E1



757F00

Square

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



9F51E1



DE3C11



008C00



0094DA

Rectangle

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



9F51E1



F00073



008C00



00957E

Sweetspot

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



9F51E1



E9CFFF



5194E1



726280



000000



808080

Same Dimension

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



9F51E1



A53BFF



E151DC



6B6570



5F00B0



1A0030

Inverse Universe

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



E15193



FF3B95



51E156



70656A



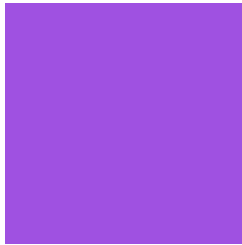
B00051



300016

Previews

White Background



This preview shows how the Hex color 9F51E1 looks on a white background.

Color Contrast Check

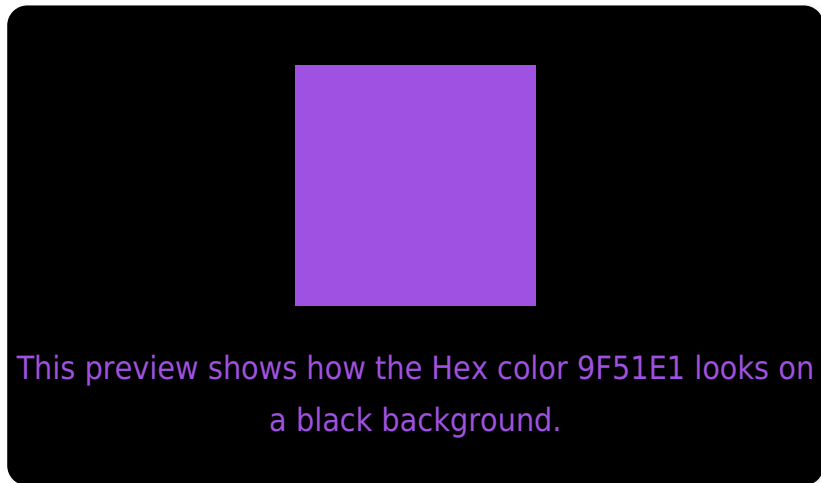
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

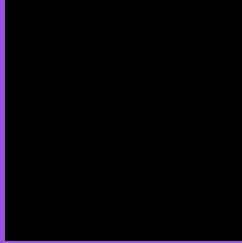
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 9F51E1 Background



This preview shows how black text looks on a background with the Hex color 9F51E1.

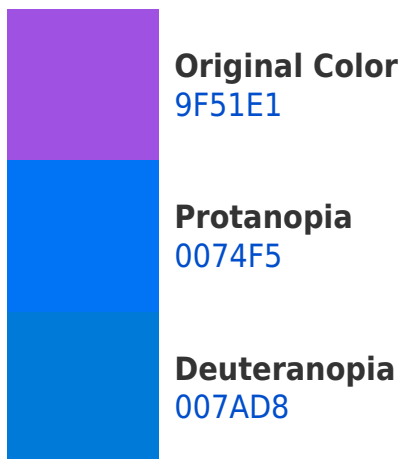


This preview shows how white text looks on a background with the Hex color 9F51E1.

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



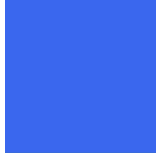


Tritanopia
8C7079

Trichromacy



Original Color
9F51E1



Protanomaly
3A67EE



Deuteranomaly
3A6BDB



Tritanomaly
93659F

Monochromacy



Original Color
9F51E1



Achromatopsia
797979



Achromatomaly
876A9F

CSS Examples

Text

The CSS property to change the color of the text to Hex 9F51E1 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 #9F51E1 looks like.

```
.text, #text, p{  
    color:#9F51E1  
}
```

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 #9F51E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F51E1
}
```

Border

The CSS property to change the border of an element to Hex 9F51E1 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
#9F51E1 }
```

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

```
.border{ border-color:#9F51E1 }
```

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

Here you see how a box with a 4 pixel #9F51E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F51E1; -webkit-box-shadow:4px 4px  
4px 4px #9F51E1; box-shadow:4px 4px 4px  
4px #9F51E1 }
```

Background

The CSS property to change the background color of an element to Hex 9F51E1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F51E1 }
```

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

```
.background{ background-color:#9F51E1 }
```

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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