

# Converting Colors

Hex(9E51D0)

Have a look what the booklet for  
Hex(9E51D0) contains.

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# Color

Hex(9E51D0)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9E51D0
RGB	158, 81, 208
RGB Percent	62%, 32%, 82%
CMY	0.3804, 0.6824, 0.1843
CMYK	0.24, 0.61, 0.00, 0.18
HSL	276°, 57%, 57%
HSV	276°, 61%, 82%
XYZ	28.4281, 17.7080, 61.5942
YIQ	118.5010, 5.1250, 55.8210

# Conversions

## Conversions Part 2

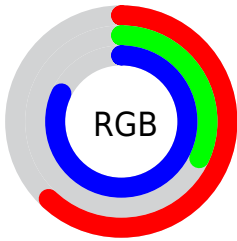
Format	Color
R <sub>Y</sub> B	158, 81, 208
Decimal	10375632
CIE Lab	49.14, 53.60, -53.10
CIE LCh	49, 75.450, 315.272
Yxy	17.7080, 0.2639, 0.1644
Android (android.graphics.Color)	4288565712 (0xFF9E51D0)
YUV	118.5010, 44.1230, 34.6406
Hunter-Lab	42.0809, 46.9457, -57.3266

# Details

The Hex color **9E51D0** 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 **83D051**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **D886FF**, and **661A99** is the 20% darker color. If you saturate the color by 10%, you get **963CD0**, and if you desaturate by 10%, it is **A666D0**.

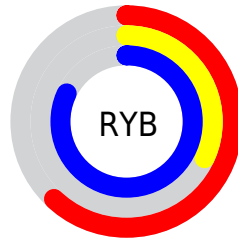
# Distribution



Red (62%)

Green (32%)

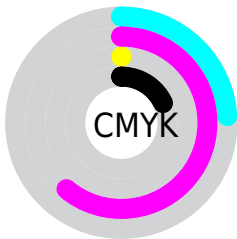
Blue (82%)



Red (62%)

Yellow (32%)

Blue (82%)

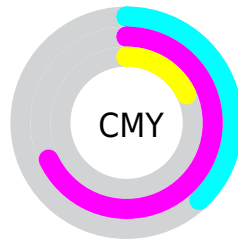


Cyan (24%)

Magenta (61%)

Yellow (0%)

Black (18%)



Cyan (38%)

Magenta (68%)

Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9E51D0 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 9E51D0 by changing the saturation by 10% instead.



9E51D0

9E51D0

FFFFFF

8237B4

D886FF

661A99

F5A1FF

4B007E

FFBDFE

2F0064

FFDAFF

15004C

FFF7FF

000034

00021E

000000

9E51D0

9E51D0

 963CD0

 A666D0

 8E27D0

 AE7BD0

 8513D0

 B78FD0

 7E00D0

 BFA4D0

 C7B9D0

 CFCED0

 D7E3D0

 E0F7D0

 E8FFD0

# Harmonies

## Analogous

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



0072F2



9E51D0



D52597

# Triad

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



9E51D0



A76600



009095

# Complementary

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



9E51D0



83D051

# 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.



008E52



9E51D0



707C00

# Square

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



9E51D0



D04517



098800



008ECF

# Rectangle

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



9E51D0



E2136C



098800



00907F



# Sweetspot

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



9E51D0



EDD1FF



5184D0



746380



000000



808080



# Same Dimension

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



9E51D0



B645FF



D051C3



645E69



6600A8



190029



# Inverse Universe

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



D05183



FF458E



51D05E



695E62



A80042

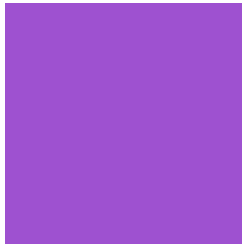


290010



# Previews

## White Background



This preview shows how the Hex color 9E51D0 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



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

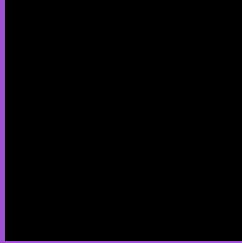
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9E51D0 Background



This preview shows how black text looks on a background with the Hex color 9E51D0.

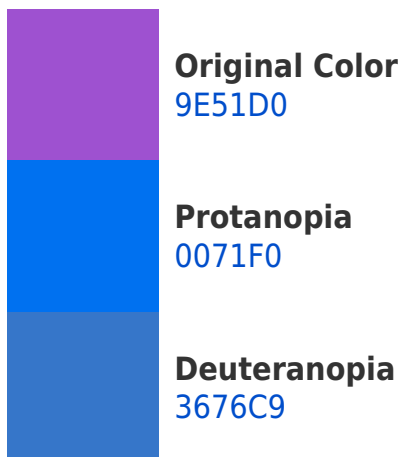


This preview shows how white text looks on a background with the Hex color 9E51D0.

# 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**  
8F6B74

# Trichromacy



**Original Color**  
9E51D0



**Protanomaly**  
3965E4



**Deuteranomaly**  
5C69CC



**Tritanomaly**  
946295

# Monochromacy



**Original Color**  
9E51D0



**Achromatopsia**  
777777



**Achromatomaly**  
856997

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9E51D0 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 #9E51D0 looks like.

```
.text, #text, p{  
    color:#9E51D0  
}
```

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 #9E51D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E51D0
}
```

## Border

The CSS property to change the border of an element to Hex 9E51D0 is called "border". The border property can be set on classes, ids or directly on the HTML element.

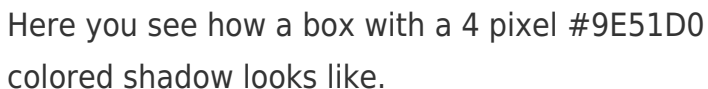
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9E51D0 }
```

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

```
.border{ border-color:#9E51D0 }
```

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



Here you see how a box with a 4 pixel #9E51D0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E51D0; -webkit-box-shadow:4px 4px  
4px 4px #9E51D0; box-shadow:4px 4px 4px  
4px #9E51D0 }
```

# Background

The CSS property to change the background color of an element to Hex 9E51D0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E51D0 }
```

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

```
.background{ background-color:#9E51D0 }
```

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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