

# Converting Colors

Hex(8A51E0)

Have a look what the booklet for  
Hex(8A51E0) contains.

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# Color

**Hex(8A51E0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8A51E0
RGB	138, 81, 224
RGB Percent	54%, 32%, 88%
CMY	0.4588, 0.6824, 0.1216
CMYK	0.38, 0.64, 0.00, 0.12
HSL	264°, 70%, 60%
HSV	264°, 64%, 88%
XYZ	26.8782, 16.6700, 72.3220
YIQ	114.3450, -11.9310, 56.5570

# Conversions

## Conversions Part 2

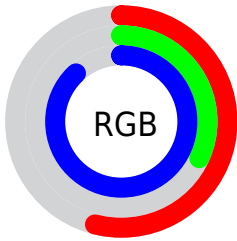
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	138, 81, 224
Decimal	9064928
CIE Lab	47.84, 53.01, -64.43
CIE LCh	48, 83.435, 309.446
Yxy	16.6700, 0.2320, 0.1439
Android (android.graphics.Color)	4287255008 (0xFF8A51E0)
YUV	114.3450, 54.0599, 20.7454
Hunter-Lab	40.8289, 46.0586, -76.4429

# Details

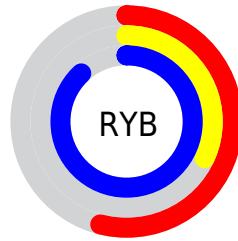
The Hex color **8A51E0** is a light color, and the websafe version is hex **9966FF**. The color can be described as light muted purple. A complement of this color would be **A7E051**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **C485FF**, and **501DA8** is the 20% darker color. If you saturate the color by 10%, you get **7D3BE0**, and if you desaturate by 10%, it is **9767E0**.

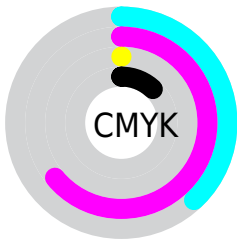
# Distribution



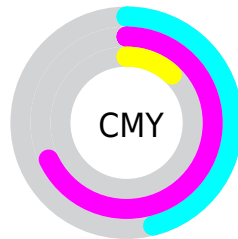
- Red (54%)
- Green (32%)
- Blue (88%)



- Red (54%)
- Yellow (32%)
- Blue (88%)



- Cyan (38%)
- Magenta (64%)
- Yellow (0%)
- Black (12%)



- Cyan (46%)
- Magenta (68%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8A51E0 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 8A51E0 by changing the saturation by 10% instead.



8A51E0

8A51E0

FFFFFF

6D37C4

C485FF

501DA8

E2A0FF

30008D

FFBCFF

000072

FFD8FF

000059

FFF5FF

000640

000329

000113

000000

■ 8A51E0

■ 8A51E0

■ 7D3BE0

■ 9767E0

■ 6F24E0

■ A57EE0

■ 620EE0

■ B294E0

■ 5900E0

■ C0ABE0

■ CDC1E0

■ DBD7E0

■ E8EEE0

■ F6FFE0

■ FFFFE0

# Harmonies

## Analogous

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



0074FF



8A51E0



D20AA5

# Triad

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



8A51E0



B15B00



008E87

# Complementary

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



8A51E0



A7E051

# 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.



008B3C



8A51E0



777600

# Square

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



8A51E0



D92C18



158400



008DCB

# Rectangle

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



8A51E0



E60076



158400



008D6E



# Sweetspot

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



8A51E0



E2CFFF



51A9E0



6E6280



000000



808080



# Same Dimension

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



8A51E0



893BFF



CF51E0



696570



4600B0



130030



# Inverse Universe

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



E051A7



FF3BB1



62E051



70656C



B0006A

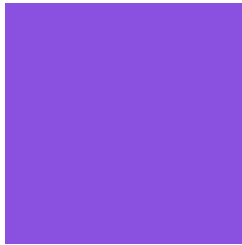


30001D



# Previews

## White Background



This preview shows how the Hex color 8A51E0 looks on a white background.

## Color Contrast Check

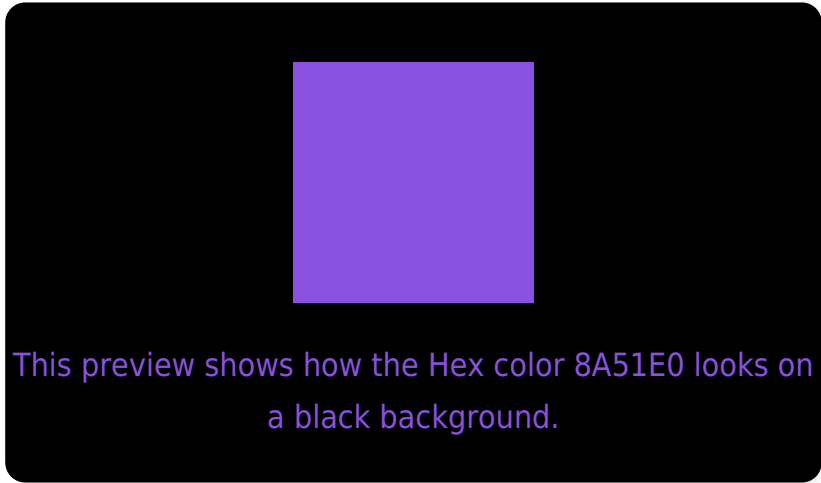
Large Text (above 18pt) WCAG AA ✓ Pass

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 × 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 8A51E0 Background



This preview shows how black text looks on a background with the Hex color 8A51E0.

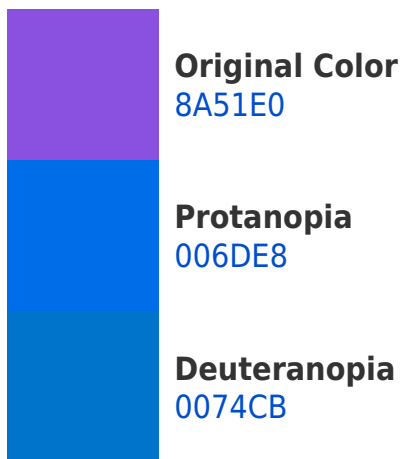


This preview shows how white text looks on a background with the Hex color 8A51E0.

# 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](#).

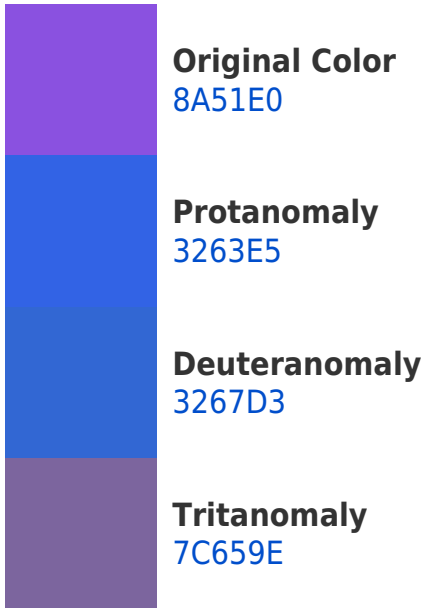
## Dichromacy



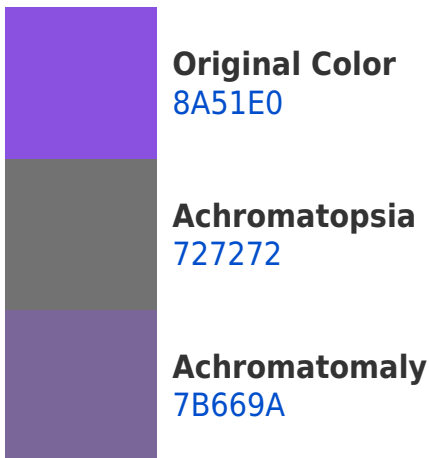


**Tritanopia**  
747079

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8A51E0 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 #8A51E0 looks like.

```
.text, #text, p{  
    color:#8A51E0  
}
```

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 #8A51E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A51E0
}
```

## Border

The CSS property to change the border of an element to Hex 8A51E0 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
#8A51E0 }
```

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

```
.border{ border-color:#8A51E0 }
```

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

Here you see how a box with a 4 pixel #8A51E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A51E0; -webkit-box-shadow:4px 4px  
4px 4px #8A51E0; box-shadow:4px 4px 4px  
4px #8A51E0 }
```

# Background

The CSS property to change the background color of an element to Hex 8A51E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A51E0 }
```

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

```
.background{ background-color:#8A51E0 }
```

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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