

Converting Colors

Hex(8C58ED)

Have a look what the booklet for
Hex(8C58ED) contains.

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Color

Hex(8C58ED)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 8C58ED |
| RGB | 140, 88, 237 |
| RGB Percent | 55%, 35%, 93% |
| CMY | 0.4510, 0.6549, 0.0706 |
| CMYK | 0.41, 0.63, 0.00, 0.07 |
| HSL | 261°, 81%, 64% |
| HSV | 261°, 63%, 93% |
| XYZ | 29.5910, 18.6693, 82.1647 |
| YIQ | 120.5340, -16.8370, 57.3630 |

Conversions

Conversions Part 2

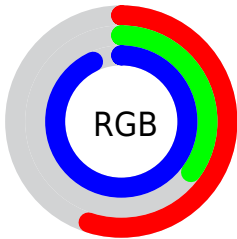
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 140, 88, 237 |
| Decimal | 9197805 |
| CIE _{Lab} | 50.30, 53.11, -67.78 |
| CIE _{LCh} | 50, 86.107, 308.083 |
| Yxy | 18.6693, 0.2269, 0.1431 |
| Android (android.graphics.Color) | 4287387885 (0xFF8C58ED) |
| YUV | 120.5340, 57.4177, 17.0717 |
| Hunter-Lab | 43.2080, 46.6317, -82.5007 |

Details

The Hex color **8C58ED** 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 **B9ED58**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **C78CFF**, and **5125B4** is the 20% darker color. If you saturate the color by 10%, you get **7D40ED**, and if you desaturate by 10%, it is **9B70ED**.

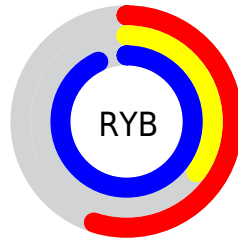
Distribution



Red (55%)

Green (35%)

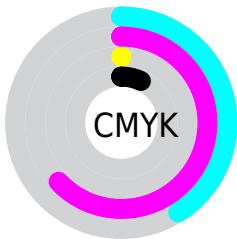
Blue (93%)



Red (55%)

Yellow (35%)

Blue (93%)

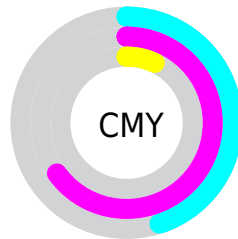


Cyan (41%)

Magenta (63%)

Yellow (0%)

Black (7%)



Cyan (45%)

Magenta (65%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8C58ED 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 8C58ED by changing the saturation by 10% instead.

 8C58ED

 8C58ED

FFFFFF

 6F3FD0

 C78CFF

 5125B4

 E5A8FF

 300799

 FFC3FF

 00007E

 FFE0FF

 000064

 FFFDFD

 00004B

 000433

 00021D

 000000

 8C58ED

 8C58ED

 7D40ED

 9B70ED

 6D29ED

 AB87ED

 5E11ED

 BA9FED

 5300ED

 CAB7ED

 D9CEED

 E9E6ED

 F8FEED

 FFFFED

Harmonies

Analogous

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



007CFF



8C58ED



DA16B0

Triad

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



8C58ED



BC5F00



00958A

Complementary

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



8C58ED



B9ED58

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.



00923C



8C58ED



807B00

Square

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



8C58ED



E52D1F



238B00



0095D2

Rectangle

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



8C58ED



F00080



238B00



009571

Sweetspot

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



8C58ED



DFCFFF



58BBED



6C6280



000000



808080

Same Dimension

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



8C58ED



8240FF



D458ED



6E6A75



3F00B5



130036

Inverse Universe

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



ED58B9



FF40BC



71ED58



756A71



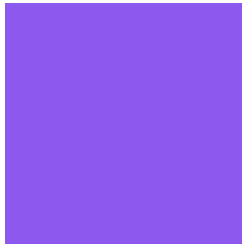
B50076



360023

Previews

White Background



This preview shows how the Hex color 8C58ED 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

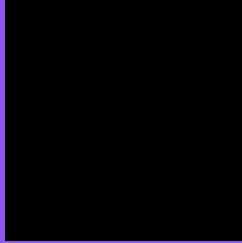
Any Text WCAG AA ✓ Pass

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 8C58ED Background



This preview shows how black text looks on a background with the Hex color 8C58ED.

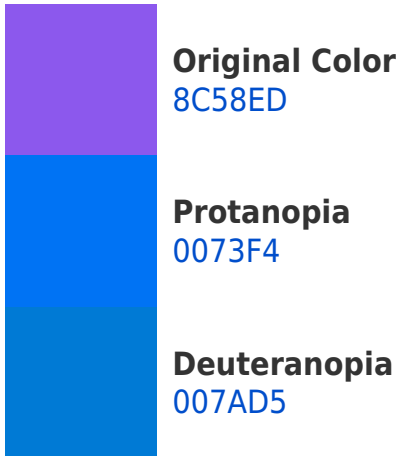


This preview shows how white text looks on a background with the Hex color 8C58ED.

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](#).

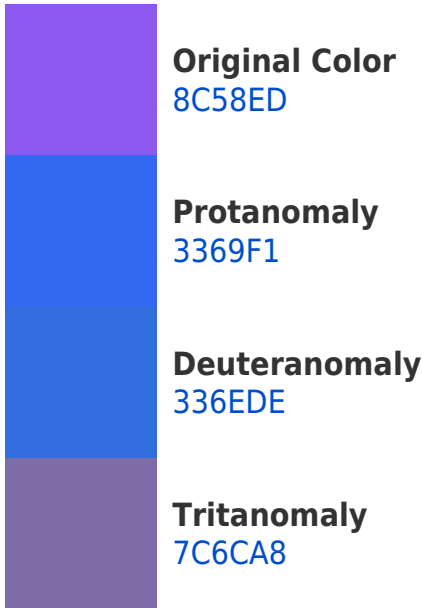
Dichromacy



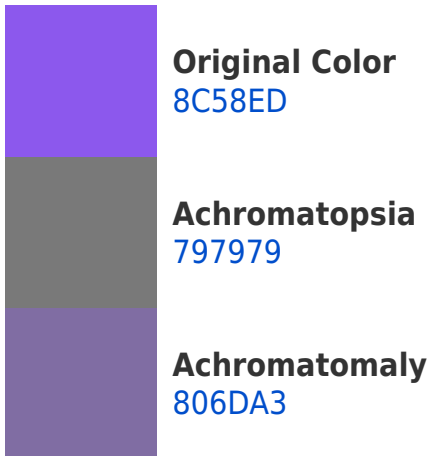


Tritanopia
737881

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8C58ED 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 #8C58ED looks like.

```
.text, #text, p{  
    color:#8C58ED  
}
```

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 #8C58ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C58ED
}
```

Border

The CSS property to change the border of an element to Hex 8C58ED is called "border". The border property can be set on classes, ids or directly on the HTML element.

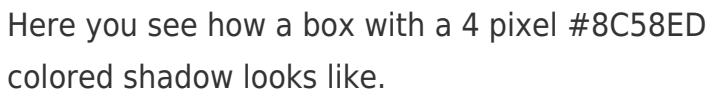
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8C58ED }
```

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

```
.border{ border-color:#8C58ED }
```

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



Here you see how a box with a 4 pixel #8C58ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C58ED; -webkit-box-shadow:4px 4px  
4px 4px #8C58ED; box-shadow:4px 4px 4px  
4px #8C58ED }
```

Background

The CSS property to change the background color of an element to Hex 8C58ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C58ED }
```

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

```
.background{ background-color:#8C58ED }
```

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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