

# Converting Colors

Hex(8C55E5)

Have a look what the booklet for  
Hex(8C55E5) contains.

<b>Hex(8C55E5)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(8C55E5)

# Conversions

## Conversions Part 1

Format	Color
Hex	8C55E5
RGB	140, 85, 229
RGB Percent	55%, 33%, 90%
CMY	0.4510, 0.6667, 0.1020
CMYK	0.39, 0.63, 0.00, 0.10
HSL	263°, 73%, 62%
HSV	263°, 63%, 90%
XYZ	28.2066, 17.7296, 76.0642
YIQ	117.8610, -13.4440, 56.4440

# Conversions

## Conversions Part 2

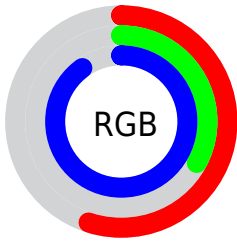
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	140, 85, 229
Decimal	9197029
CIE <sub>Lab</sub>	49.17, 52.62, -65.11
CIE <sub>LCh</sub>	49, 83.710, 308.946
Yxy	17.7296, 0.2312, 0.1453
Android (android.graphics.Color)	4287387109 (0xFF8C55E5)
YUV	117.8610, 54.7915, 19.4159
Hunter-Lab	42.1065, 45.8883, -77.6312

# Details

The Hex color **8C55E5** 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 **AEE555**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **C689FF**, and **5222AC** is the 20% darker color. If you saturate the color by 10%, you get **7E3EE5**, and if you desaturate by 10%, it is **9A6CE5**.

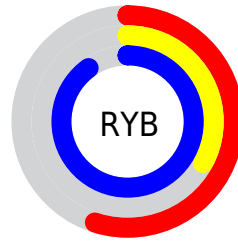
# Distribution



Red (55%)

Green (33%)

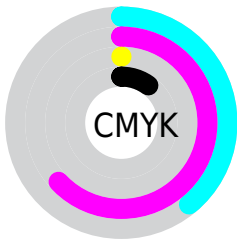
Blue (90%)



Red (55%)

Yellow (33%)

Blue (90%)

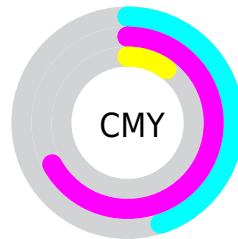


Cyan (39%)

Magenta (63%)

Yellow (0%)

Black (10%)



Cyan (45%)

Magenta (67%)

Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8C55E5 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 8C55E5 by changing the saturation by 10% instead.



8C55E5

8C55E5

FFFFFF

6F3CC8

C689FF

5222AC

E4A4FF

320391

FFC0FF

020077

FFDDFF

00005D

FFFAFF

000344

00032D

000117

000000

8C55E5

8C55E5

7E3EE5

9A6CE5

7027E5

A883E5

6210E5

B69AE5

5700E5

C5B1E5

D3C8E5

E1DEE5

EFF5E5

FDFFE5

FFFFE5

# Harmonies

## Analogous

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



0078FF



8C55E5



D616A9

# Triad

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



8C55E5



B65E00



009289

# Complementary

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



8C55E5



AEE555

# 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.



008F3E



8C55E5



7C7900

# Square

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



8C55E5



DE2F1D



1F8800



0091CE

# Rectangle

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



8C55E5



EA007B



1F8800



009170



# Sweetspot

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



8C55E5



E1CFFF



55B0E5



6D6280



000000



808080



# Same Dimension

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



8C55E5



8940FF



D255E5



6C6773



4400B3



130033



# Inverse Universe

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



E555AE



FF40B6



68E555



73676E



B3006E

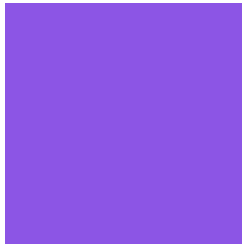


330020



# Previews

## White Background



This preview shows how the Hex color 8C55E5 looks on a white background.

## Color Contrast Check

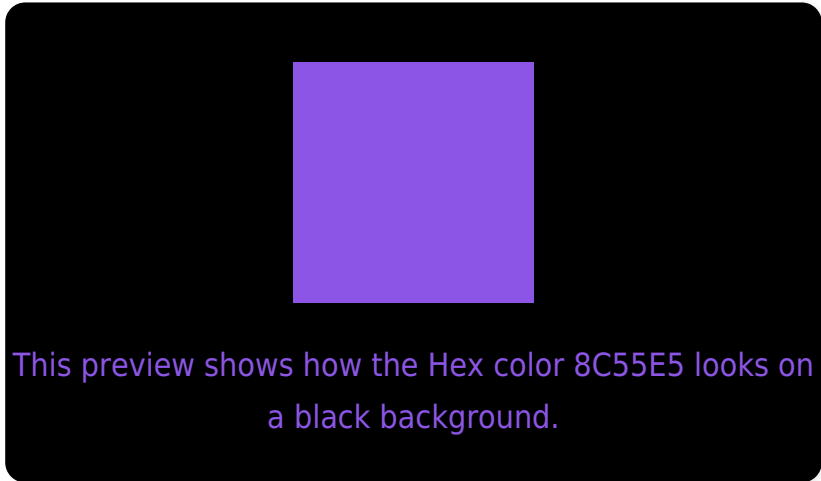
Large Text (above 18pt) WCAG AA ✓ Pass

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

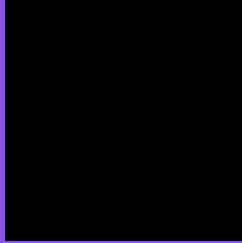
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8C55E5 Background



This preview shows how black text looks on a background with the Hex color 8C55E5.

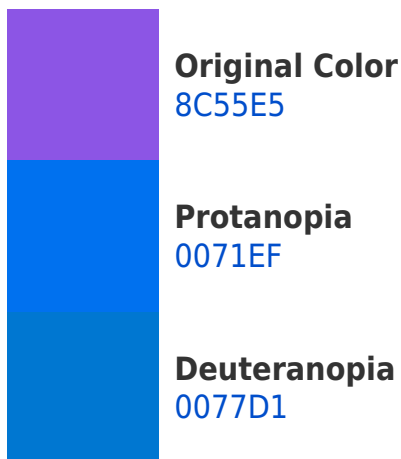


This preview shows how white text looks on a background with the Hex color 8C55E5.

# 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](#).

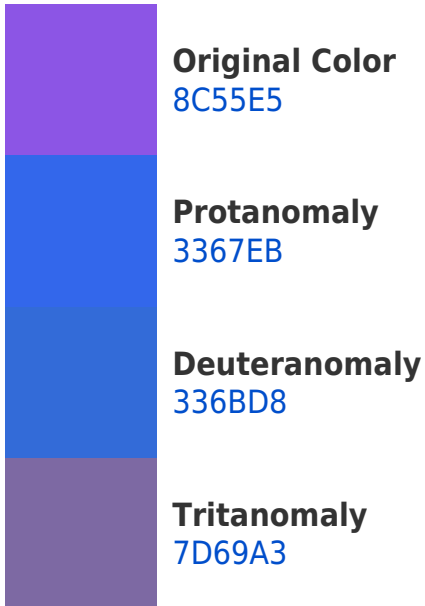
## Dichromacy



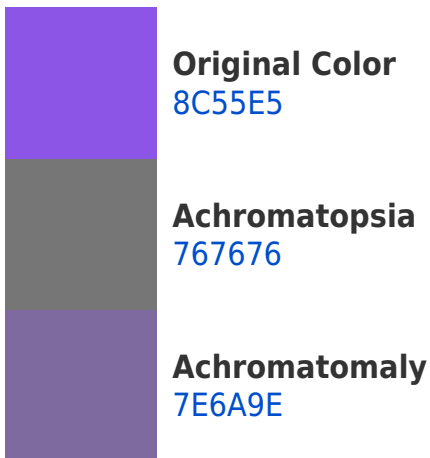


**Tritanopia**  
75747D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8C55E5 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 #8C55E5 looks like.

```
.text, #text, p{  
    color:#8C55E5  
}
```

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 #8C55E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C55E5
}
```

## Border

The CSS property to change the border of an element to Hex 8C55E5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

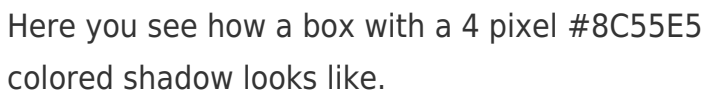
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8C55E5 }
```

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

```
.border{ border-color:#8C55E5 }
```

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



Here you see how a box with a 4 pixel #8C55E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C55E5; -webkit-box-shadow:4px 4px  
4px 4px #8C55E5; box-shadow:4px 4px 4px  
4px #8C55E5 }
```

# Background

The CSS property to change the background color of an element to Hex 8C55E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C55E5 }
```

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

```
.background{ background-color:#8C55E5 }
```

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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