

Converting Colors

Hex(8C56EE)

Have a look what the booklet for
Hex(8C56EE) contains.

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Color

Hex(8C56EE)

Conversions

Conversions Part 1

Format	Color
Hex	8C56EE
RGB	140, 86, 238
RGB Percent	55%, 34%, 93%
CMY	0.4510, 0.6627, 0.0667
CMYK	0.41, 0.64, 0.00, 0.07
HSL	261°, 82%, 64%
HSV	261°, 64%, 93%
XYZ	29.5756, 18.4041, 82.8825
YIQ	119.4740, -16.6080, 58.7200

Conversions

Conversions Part 2

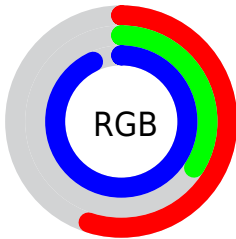
Format	Color
R_{YB}	140, 86, 238
Decimal	9197294
CIE _{Lab}	49.98, 54.41, -68.85
CIE _{LCh}	50, 87.755, 308.319
Yxy	18.4041, 0.2260, 0.1406
Android (android.graphics.Color)	4287387374 (0xFF8C56EE)
YUV	119.4740, 58.4333, 18.0013
Hunter-Lab	42.9000, 47.9846, -84.5179

Details

The Hex color **8C56EE** 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 **B8EE56**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **C78AFF**, and **5023B5** is the 20% darker color. If you saturate the color by 10%, you get **7D3EEE**, and if you desaturate by 10%, it is **9B6EEE**.

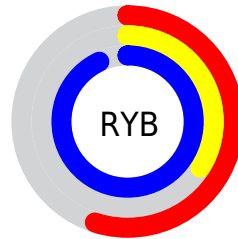
Distribution



Red (55%)

Green (34%)

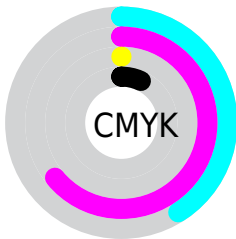
Blue (93%)



Red (55%)

Yellow (34%)

Blue (93%)

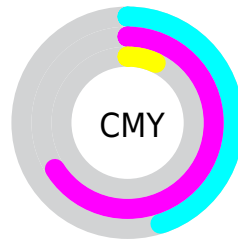


Cyan (41%)

Magenta (64%)

Yellow (0%)

Black (7%)



Cyan (45%)

Magenta (66%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8C56EE 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 8C56EE by changing the saturation by 10% instead.

 8C56EE

 8C56EE

FFFFFF

 6F3CD1

 C78AFF

 5023B5

 E5A6FF

 2F0399

 FFC1FF

 00007F

 FFDEFF

 000065

 FFFBFF

 00004C

 000434

 00021E

 000000

 8C56EE

 8C56EE

 7D3EEE

 9B6EEE

 6D26EE

 AB86EE

 5E0FEE

 BA9DEE

 5500EE

 C9B5EE

 D9CDEE

 E8E5EE

 F7FDEE

 FFFFEE

Harmonies

Analogous

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



007BFF



8C56EE



DC06B0

Triad

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



8C56EE



BB5E00



00958B

Complementary

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



8C56EE



B8EE56

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.



00923B



8C56EE



7F7B00

Square

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



8C56EE



E6281B



1B8A00



0094D3

Rectangle

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



8C56EE



F1007F



1B8A00



009470

Sweetspot

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



8C56EE



E0CFFF



56B9EE



6D6280



000000



808080

Same Dimension

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



8C56EE



803BFF



D756EE



706C78



4100B8



140038

Inverse Universe

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



EE56B8



FF3BB9



6DEE56



786C74



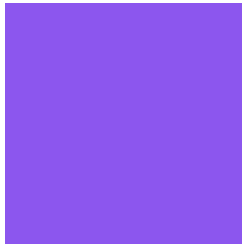
B80076



380024

Previews

White Background



This preview shows how the Hex color 8C56EE 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

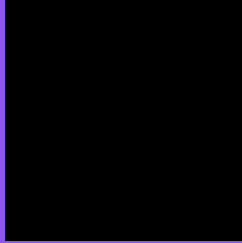
Any Text WCAG AA ✓ Pass

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 8C56EE Background



This preview shows how black text looks on a background with the Hex color 8C56EE.

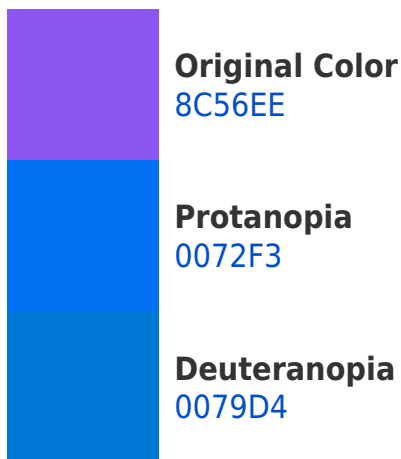


This preview shows how white text looks on a background with the Hex color 8C56EE.

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](#).

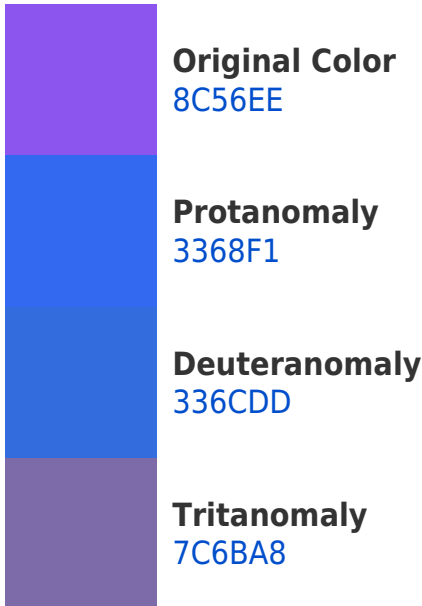
Dichromacy



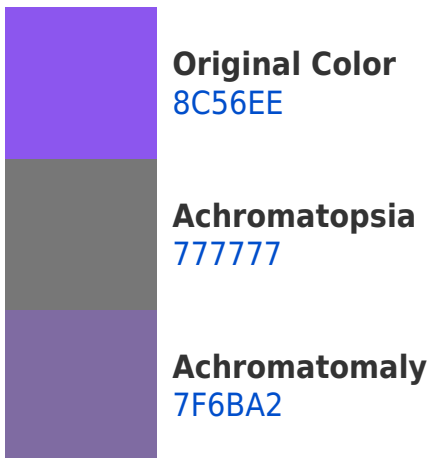


Tritanopia
737780

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8C56EE 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 #8C56EE looks like.

```
.text, #text, p{  
    color:#8C56EE  
}
```

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 #8C56EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C56EE
}
```

Border

The CSS property to change the border of an element to Hex 8C56EE 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
#8C56EE }
```

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

```
.border{ border-color:#8C56EE }
```

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

Here you see how a box with a 4 pixel #8C56EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C56EE; -webkit-box-shadow:4px 4px  
4px 4px #8C56EE; box-shadow:4px 4px 4px  
4px #8C56EE }
```

Background

The CSS property to change the background color of an element to Hex 8C56EE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C56EE }
```

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

```
.background{ background-color:#8C56EE }
```

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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