

Converting Colors

Hex(8944EB)

Have a look what the booklet for
Hex(8944EB) contains.

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Color

Hex(8944EB)

Conversions

Conversions Part 1

Format	Color
Hex	8944EB
RGB	137, 68, 235
RGB Percent	54%, 27%, 92%
CMY	0.4627, 0.7333, 0.0784
CMYK	0.42, 0.71, 0.00, 0.08
HSL	265°, 81%, 59%
HSV	265°, 71%, 92%
XYZ	27.3790, 15.4508, 80.1365
YIQ	107.6690, -12.4830, 66.5650

Conversions

Conversions Part 2

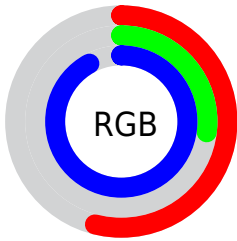
Format	Color
R _Y B	137, 68, 235
Decimal	8996075
CIE Lab	46.25, 61.92, -73.25
CIE LCh	46, 95.914, 310.205
Yxy	15.4508, 0.2227, 0.1257
Android (android.graphics.Color)	4287186155 (0xFF8944EB)
YUV	107.6690, 62.7742, 25.7233
Hunter-Lab	39.3075, 55.5435, -93.3599

Details

The Hex color **8944EB** is a dark color, and the websafe version is hex **6633CC**. The color can be described as middle muted purple. A complement of this color would be **A6EB44**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **C579FF**, and **4C04B2** is the 20% darker color. If you saturate the color by 10%, you get **7B2DEB**, and if you desaturate by 10%, it is **975CEB**.

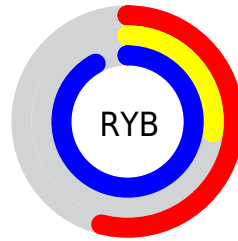
Distribution



Red (54%)

Green (27%)

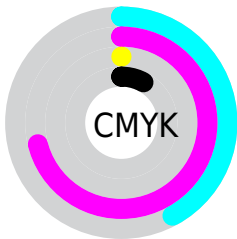
Blue (92%)



Red (54%)

Yellow (27%)

Blue (92%)

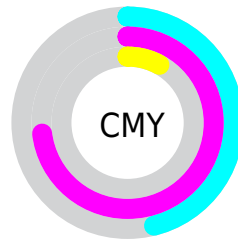


Cyan (42%)

Magenta (71%)

Yellow (0%)

Black (8%)



Cyan (46%)

Magenta (73%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8944EB 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 8944EB by changing the saturation by 10% instead.

 8944EB

 8944EB

FFFFFF

 6B28CE

 C579FF

 4C04B2

 E395FF

 280096

 FFB0FF


 00007C

 FFCDFD

 000062

 FFEAFF

 000649

 000431

 00011B

 000000

8944EB

8944EB

7B2DEB

975CEB

6D15EB

A573EB

6100EB

B28BEB

C0A2EB

CEBAEB

DCD1EB

EAE9EB

F7FFEB

FFFFEB

Harmonies

Analogous

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



0071FF



8944EB



DC00A6

Triad

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



8944EB



B05400



008C88

Complementary

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



8944EB



A6EB44

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.



008931



8944EB



6D7300

Square

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



8944EB



DF0000



008300



008CD6

Rectangle

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



8944EB



F00071



008300



008B6C

Sweetspot

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



8944EB



E0C9FF



44A8EB



6D6080



000000



808080

Same Dimension

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



8944EB



8026FF



DA44EB



6E6A75



4B00B5



160036

Inverse Universe

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



EB44A6



FF26A5



55EB44



756A70



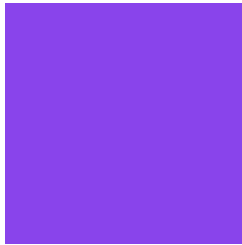
B5006A



36001F

Previews

White Background



This preview shows how the Hex color 8944EB looks on a white background.

Color Contrast Check

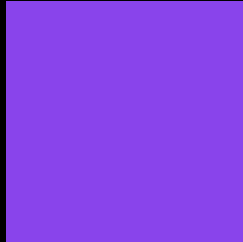
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 8944EB looks on a 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 8944EB Background



This preview shows how black text looks on a background with the Hex color 8944EB.



This preview shows how white text looks on a background with the Hex color 8944EB.

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



Original Color
8944EB

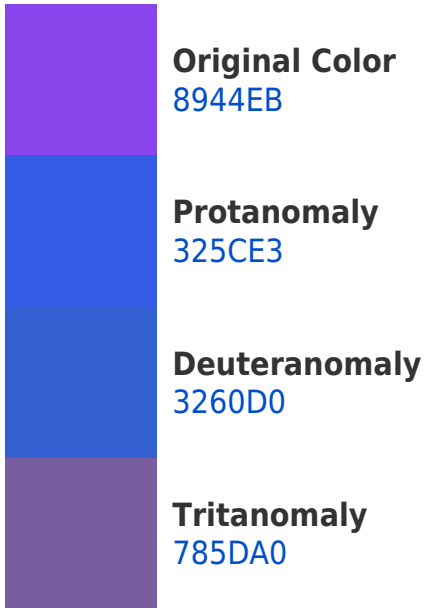
Protanopia
006ADF

Deuteranopia
0070C1

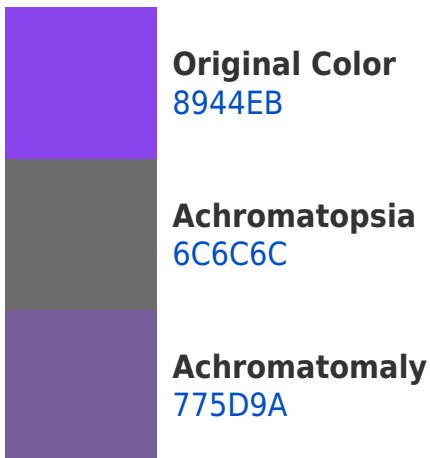


Tritanopia
6E6C75

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8944EB 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 #8944EB looks like.

```
.text, #text, p{  
    color:#8944EB  
}
```

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 #8944EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8944EB
}
```

Border

The CSS property to change the border of an element to Hex 8944EB 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".

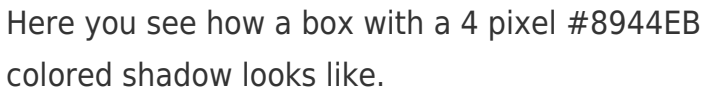
```
.border, #border, table{ border:4px solid
#8944EB }
```

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

```
.border{ border-color:#8944EB }
```

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

Here you see how a box with a 4 pixel #8944EB colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8944EB; -webkit-box-shadow:4px 4px  
4px 4px #8944EB; box-shadow:4px 4px 4px  
4px #8944EB }
```

Background

The CSS property to change the background color of an element to Hex 8944EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8944EB }
```

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

```
.background{ background-color:#8944EB }
```

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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