

Converting Colors

Hex(8638EB)

Have a look what the booklet for
Hex(8638EB) contains.

Hex(8638EB)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(8638EB)

Conversions

Conversions Part 1

Format	Color
Hex	8638EB
RGB	134, 56, 235
RGB Percent	53%, 22%, 92%
CMY	0.4745, 0.7804, 0.0784
CMYK	0.43, 0.76, 0.00, 0.08
HSL	266°, 82%, 57%
HSV	266°, 76%, 92%
XYZ	26.2411, 13.8948, 79.8962
YIQ	99.7280, -10.9710, 72.2050

Conversions

Conversions Part 2

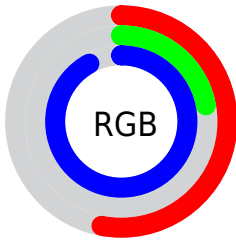
Format	Color
R_{YB}	134, 56, 235
Decimal	8796395
CIE _{Lab}	44.08, 66.60, -76.80
CIE _{LCh}	44, 101.659, 310.931
Yxy	13.8948, 0.2186, 0.1158
Android (android.graphics.Color)	4286986475 (0xFF8638EB)
YUV	99.7280, 66.6891, 30.0565
Hunter-Lab	37.2758, 60.4263, -100.9880

Details

The Hex color **8638EB** is a dark color, and the websafe version is hex **9933FF**. The color can be described as middle washed purple. A complement of this color would be **9DEB38**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **C26FFF**, and **4700B2** is the 20% darker color. If you saturate the color by 10%, you get **7921EB**, and if you desaturate by 10%, it is **934FEB**.

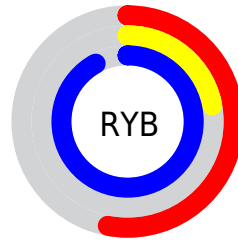
Distribution



Red (53%)

Green (22%)

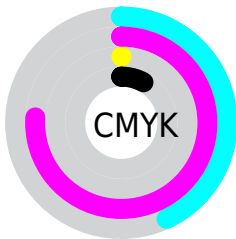
Blue (92%)



Red (53%)

Yellow (22%)

Blue (92%)

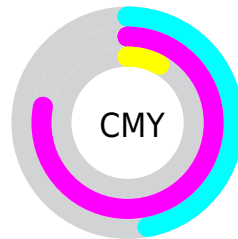


Cyan (43%)

Magenta (76%)

Yellow (0%)

Black (8%)



Cyan (47%)

Magenta (78%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8638EB 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 8638EB by changing the saturation by 10% instead.

 8638EB

 8638EB

FFFFFF

 6719CE

 C26FFF

 4700B2

 E18AFF

 210096

 FFA6FF

 00007B

 FFC3FF

 000061

 FFDFFF

 000848

 FFFDFF

 000431

 00011B

 000000

 8638EB

 8638EB

 7921EB

 934FEB

 6B09EB

 A167EB

 6600EB

 AE7EEB

 BB96EB

 C8AE EB

 D6C5EB

 E3DDEB

 F0F4EB

 FDF FEB

Harmonies

Analogous

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



006CFF



8638EB



DC00A2

Triad

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



8638EB



AA4E00



008786

Complementary

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



8638EB



9DEB38

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.



00842A



8638EB



636F00

Square

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



8638EB



DC0000



007E00



0087D8

Rectangle

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



8638EB



F0006A



007E00



008669

Sweetspot

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



8638EB



DEC4FF



389DEB



6B5C80



000000



808080

Same Dimension

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



8638EB



7C17FF



DF38EB



6F6A75



4F00B5



170036

Inverse Universe

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



EB389D



FF179A



44EB38



756A70



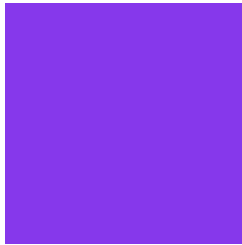
B50066



36001E

Previews

White Background



This preview shows how the Hex color 8638EB 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

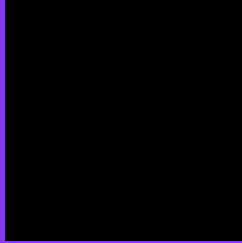
Any Text WCAG AA × Fail

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 8638EB Background



This preview shows how black text looks on a background with the Hex color 8638EB.

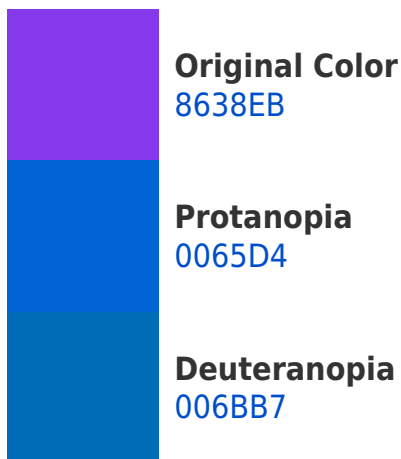



This preview shows how white text looks on a background with the Hex color 8638EB.

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](#).

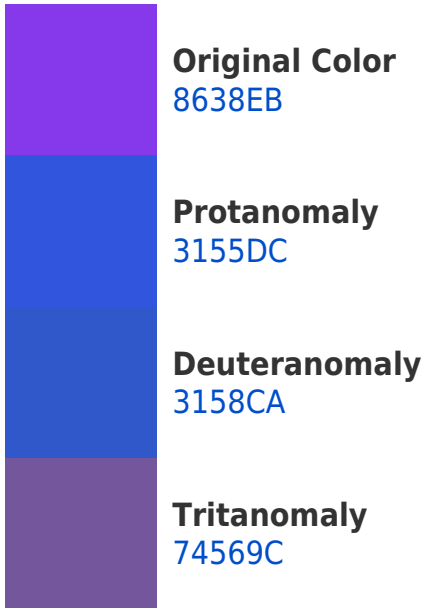
Dichromacy



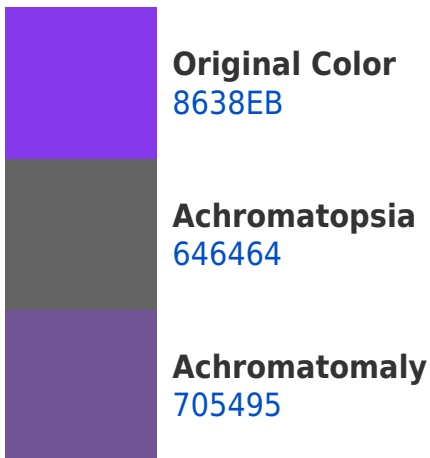


Tritanopia
69676F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8638EB 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 #8638EB looks like.

```
.text, #text, p{  
    color:#8638EB  
}
```

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 #8638EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8638EB
}
```

Border

The CSS property to change the border of an element to Hex 8638EB is called "border". The border property can be set on classes, ids or directly on the HTML element.

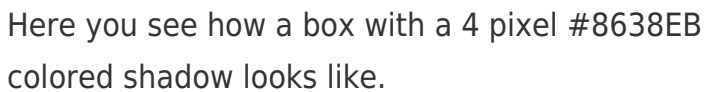
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8638EB }
```

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

```
.border{ border-color:#8638EB }
```

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



Here you see how a box with a 4 pixel #8638EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8638EB; -webkit-box-shadow:4px 4px  
4px 4px #8638EB; box-shadow:4px 4px 4px  
4px #8638EB }
```

Background

The CSS property to change the background color of an element to Hex 8638EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8638EB }
```

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

```
.background{ background-color:#8638EB }
```

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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