

Converting Colors

Hex(8658E2)

Have a look what the booklet for
Hex(8658E2) contains.

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Color

Hex(8658E2)

Conversions

Conversions Part 1

Format	Color
Hex	8658E2
RGB	134, 88, 226
RGB Percent	53%, 35%, 89%
CMY	0.4745, 0.6549, 0.1137
CMYK	0.41, 0.61, 0.00, 0.11
HSL	260°, 70%, 62%
HSV	260°, 61%, 89%
XYZ	27.0487, 17.5388, 73.9112
YIQ	117.4860, -16.8820, 52.6700

Conversions

Conversions Part 2

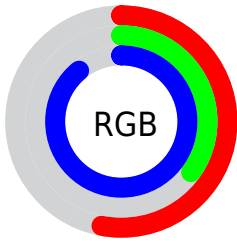
Format	Color
RYB	134, 88, 226
Decimal	8804578
CIELab	48.93, 49.00, -63.82
CIELCh	49, 80.462, 307.518
Yxy	17.5388, 0.2283, 0.1480
Android (android.graphics.Color)	4286994658 (0xFF8658E2)
YUV	117.4860, 53.4974, 14.4828
Hunter-Lab	41.8793, 41.9995, -75.3231

Details

The Hex color **8658E2** 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 **B4E258**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **C08CFF**, and **4C26AA** is the 20% darker color. If you saturate the color by 10%, you get **7741E2**, and if you desaturate by 10%, it is **956FE2**.

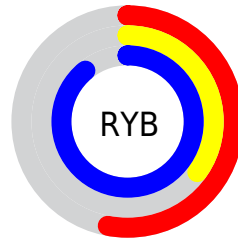
Distribution



Red (53%)

Green (35%)

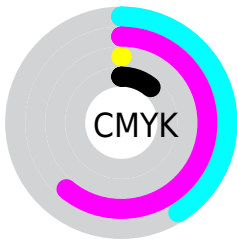
Blue (89%)



Red (53%)

Yellow (35%)

Blue (89%)

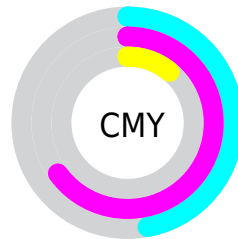


Cyan (41%)

Magenta (61%)

Yellow (0%)

Black (11%)



Cyan (47%)

Magenta (65%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8658E2 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 8658E2 by changing the saturation by 10% instead.

 8658E2

 8658E2

FFFFFF

 693FC5

 C08CFF

 4C26AA

 DEA7FF

 2B0B8E

 FCC3FF

 000074

 FFDFFF

 00005B

 FFFCFF

 000642

 00032B

 000115

 000000

8658E2

8658E2

7741E2

956FE2

682BE2

A485E2

5914E2

B39CE2

4B00E2

C2B2E2

D1C9E2

E0E0E2

EFF6E2

FFFFE2

Harmonies

Analogous

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



0078FE



8658E2



D024AA

Triad

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



8658E2



B65D00



009084

Complementary

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



8658E2



B4E258

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.



008D3C



8658E2



7E7700

Square

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



8658E2



DC3124



2D8600



0090C7

Rectangle

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



8658E2



E4007D



2D8600



00906C

Sweetspot

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



8658E2



E0D1FF



58B4E2



6D6380



000000



808080

Same Dimension

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



8658E2



8345FF



CB58E2



696570



3B00B0



100030

Inverse Universe

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



E258B4



FF45C1



6FE258



70656C



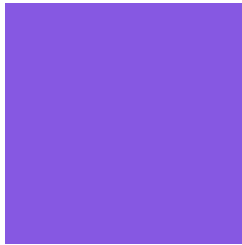
B00075



300020

Previews

White Background



This preview shows how the Hex color 8658E2 looks on a white background.

Color Contrast Check

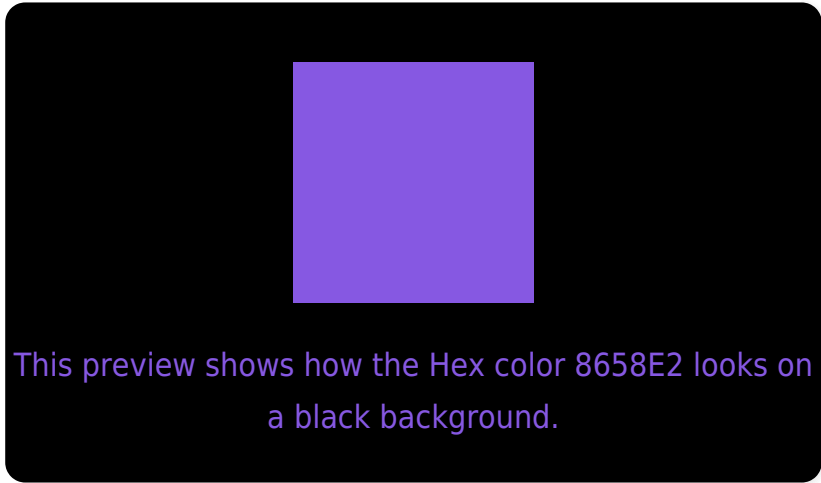
Large Text (above 18pt) WCAG AA ✓ Pass

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

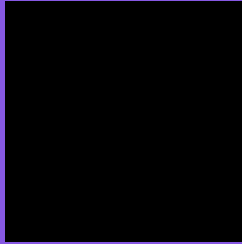
Any Text WCAG AA ✓ Pass

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 8658E2 Background



This preview shows how black text looks on a background with the Hex color 8658E2.

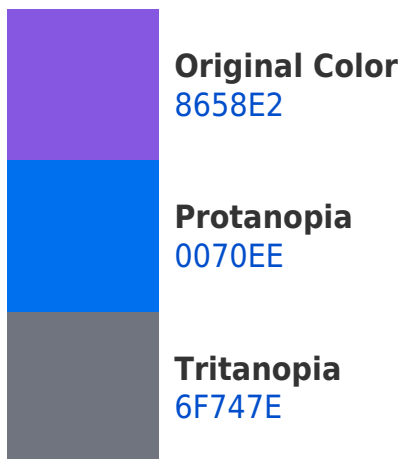


This preview shows how white text looks on a background with the Hex color 8658E2.

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



Trichromacy



Original Color
8658E2



Protanomaly
3167EA

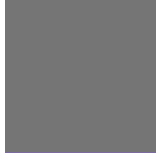


Tritanomaly
776AA2

Monochromacy



Original Color
8658E2



Achromatopsia
757575



Achromatomaly
7B6A9D

CSS Examples

Text

The CSS property to change the color of the text to Hex 8658E2 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 #8658E2 looks like.

```
.text, #text, p{  
    color:#8658E2  
}
```

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 #8658E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8658E2
}
```

Border

The CSS property to change the border of an element to Hex 8658E2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

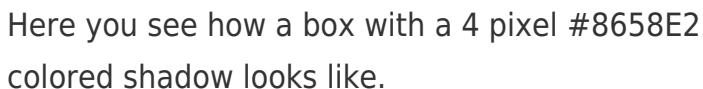
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8658E2 }
```

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

```
.border{ border-color:#8658E2 }
```

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



Here you see how a box with a 4 pixel #8658E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8658E2; -webkit-box-shadow:4px 4px  
4px 4px #8658E2; box-shadow:4px 4px 4px  
4px #8658E2 }
```

Background

The CSS property to change the background color of an element to Hex 8658E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8658E2 }
```

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

```
.background{ background-color:#8658E2 }
```

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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