

Converting Colors

Hex(8580E8)

Have a look what the booklet for
Hex(8580E8) contains.

Hex(8580E8)	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(8580E8)

Conversions

Conversions Part 1

Format	Color
Hex	8580E8
RGB	133, 128, 232
RGB Percent	52%, 50%, 91%
CMY	0.4784, 0.4980, 0.0902
CMYK	0.43, 0.45, 0.00, 0.09
HSL	243°, 69%, 71%
HSV	243°, 45%, 91%
XYZ	31.9575, 26.2511, 79.7266
YIQ	141.3510, -30.4040, 33.4040

Conversions

Conversions Part 2

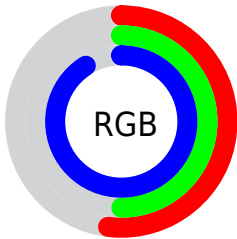
Format	Color
RYB	133, 128, 232
Decimal	8749288
CIELab	58.27, 27.53, -52.21
CIELCh	58, 59.020, 297.807
Yxy	26.2511, 0.2317, 0.1903
Android (android.graphics.Color)	4286939368 (0xFF8580E8)
YUV	141.3510, 44.6900, -7.3238
Hunter-Lab	51.2358, 21.6739, -56.3944

Details

The Hex color **8580E8** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **E3E880**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **BEB5FF**, and **4C4FB0** is the 20% darker color. If you saturate the color by 10%, you get **6F69E8**, and if you desaturate by 10%, it is **9B97E8**.

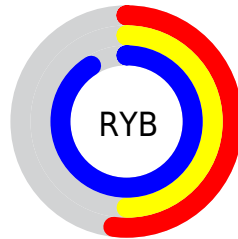
Distribution



Red (52%)

Green (50%)

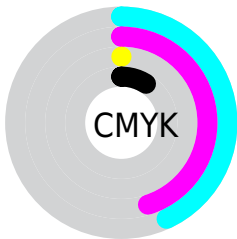
Blue (91%)



Red (52%)

Yellow (50%)

Blue (91%)

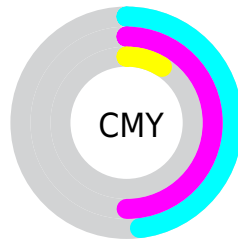


Cyan (43%)

Magenta (45%)

Yellow (0%)

Black (9%)



Cyan (48%)

Magenta (50%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8580E8 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 8580E8 by changing the saturation by 10% instead.

 8580E8

 8580E8

FFFFFF

 6967CC

 BEB5FF

 4C4FB0

 DBD0FF

 2E3895

 F9EDFF

 00237A

 000F61

 000048

 000431

 00011B

 000000

 8580E8

 8580E8

 6F69E8

 9B97E8

 5952E8

 B1AEE8

 433AE8

 C7C6E8

 2D23E8

 DDDDE8

 170CE8

 F3F4E8

 0B00E8

 FFFFE8

Harmonies

Analogous

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



0093F4



8580E8



C769C4

Triad

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



8580E8



D17433



00A487

Complementary

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



8580E8



E3E880

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.



28A052



8580E8



AA8816

Square

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



8580E8



E7605F



779727



00A4BB

Rectangle

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



8580E8



DF5EA3



779727



00A375

Sweetspot

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



8580E8



DFDEFF



80E5E8



6C6B80



000000



808080

Same Dimension

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



8580E8



7C75FF



B780E8



686773



0900B3



020033

Inverse Universe

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



E880E3



FF75F8



B1E880



736772



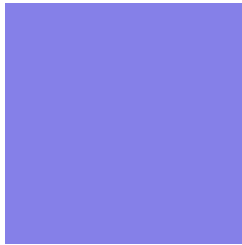
B300AA



330031

Previews

White Background



This preview shows how the Hex color 8580E8 looks on a white background.

Color Contrast Check

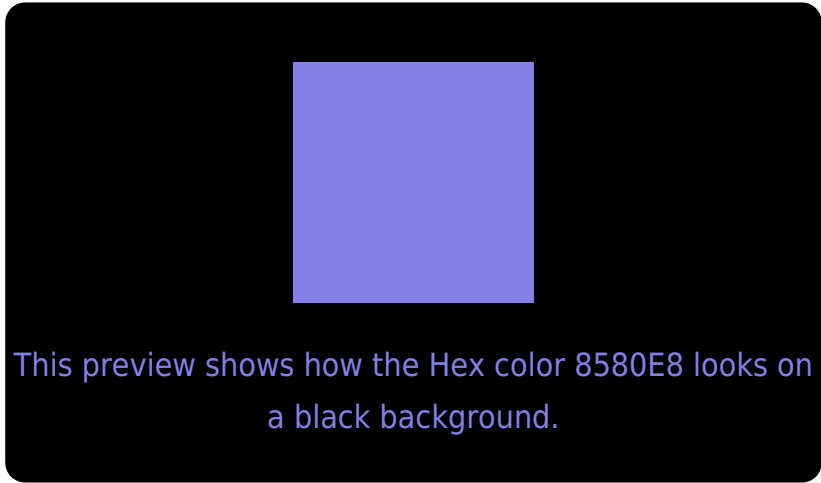
Large Text (above 18pt) WCAG AA ✓ Pass

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

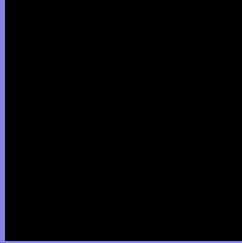
Any Text WCAG AA ✓ Pass

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 8580E8 Background



This preview shows how black text looks on a background with the Hex color 8580E8.

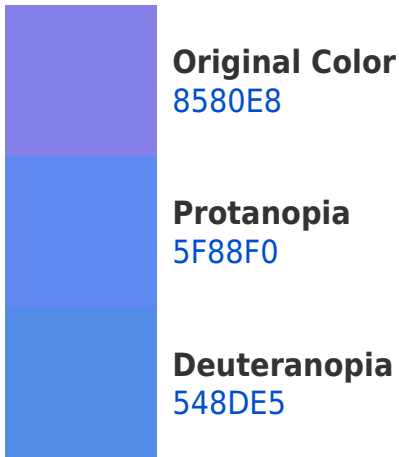



This preview shows how white text looks on a background with the Hex color 8580E8.

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](#).

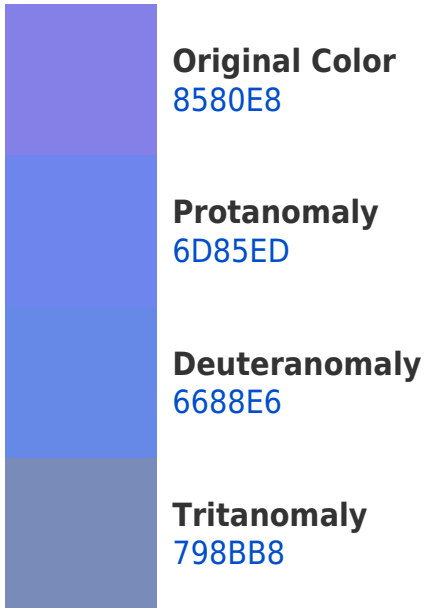
Dichromacy



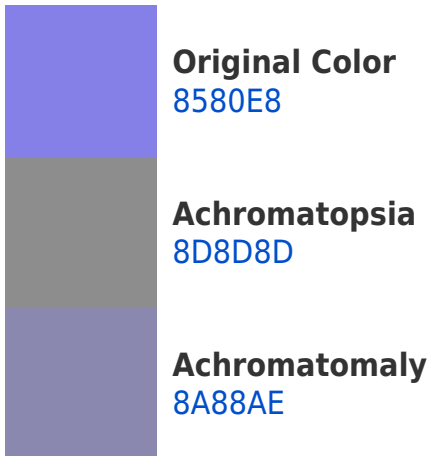


Tritanopia
72919D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8580E8 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 #8580E8 looks like.

```
.text, #text, p{  
    color:#8580E8  
}
```

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 #8580E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8580E8
}
```

Border

The CSS property to change the border of an element to Hex 8580E8 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
#8580E8 }
```

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

```
.border{ border-color:#8580E8 }
```

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

Here you see how a box with a 4 pixel #8580E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8580E8; -webkit-box-shadow:4px 4px  
4px 4px #8580E8; box-shadow:4px 4px 4px  
4px #8580E8 }
```

Background

The CSS property to change the background color of an element to Hex 8580E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8580E8 }
```

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

```
.background{ background-color:#8580E8 }
```

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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