

Converting Colors

Hex(8247E8)

Have a look what the booklet for
Hex(8247E8) contains.

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Color

Hex(8247E8)

Conversions

Conversions Part 1

Format	Color
Hex	8247E8
RGB	130, 71, 232
RGB Percent	51%, 28%, 91%
CMY	0.4902, 0.7216, 0.0902
CMYK	0.44, 0.69, 0.00, 0.09
HSL	262°, 78%, 59%
HSV	262°, 69%, 91%
XYZ	26.0246, 15.0785, 77.8827
YIQ	106.9950, -16.5170, 62.5790

Conversions

Conversions Part 2

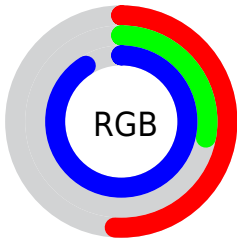
Format	Color
R_{YB}	130, 71, 232
Decimal	8538088
CIE _{Lab}	45.74, 58.55, -72.41
CIE _{LCh}	46, 93.123, 308.957
Yxy	15.0785, 0.2187, 0.1267
Android (android.graphics.Color)	4286728168 (0xFF8247E8)
YUV	106.9950, 61.6275, 20.1754
Hunter-Lab	38.8310, 51.6768, -91.7352

Details

The Hex color **8247E8** 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 **ADE847**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **BE7CFF**, and **440EAF** is the 20% darker color. If you saturate the color by 10%, you get **7330E8**, and if you desaturate by 10%, it is **915EE8**.

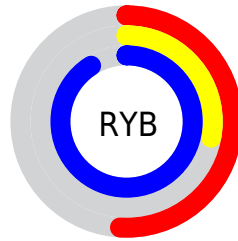
Distribution



Red (51%)

Green (28%)

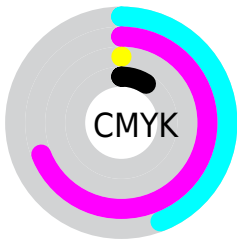
Blue (91%)



Red (51%)

Yellow (28%)

Blue (91%)

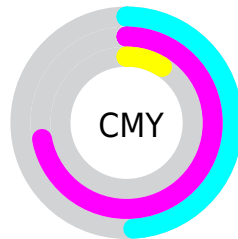


Cyan (44%)

Magenta (69%)

Yellow (0%)

Black (9%)



Cyan (49%)

Magenta (72%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8247E8 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 8247E8 by changing the saturation by 10% instead.

 8247E8

 8247E8

FFFFFF

 642DCB

 BE7CFF

 440EAF

 DC97FF

 1E0094

 FAB2FF

 000079

 FFCEFF

 00005F

 FFE8FF

 000846

 00042F


 000119

 000000

 8247E8

 8247E8

 7330E8

 915EE8

 6519E8

 9F75E8

 5601E8

 AE8DE8

 5500E8

 BDA4E8

 CBBBE8

 DAD2E8

 E9E9E8

 F8FFE8

 FFFFE8

Harmonies

Analogous

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



0071FF



8247E8



D500A6

Triad

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



8247E8



AF5200



008A83

Complementary

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



8247E8



ADE847

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.



00872E



8247E8



707100

Square

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



8247E8



DC0005



008000



008ACE

Rectangle

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



8247E8



EA0073



008000



008967

Sweetspot

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



8247E8



DDC9FF



47B0E8



6B6080



000000



808080

Same Dimension

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



8247E8



792BFF



D047E8



6B6773



4100B3



130033

Inverse Universe

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



E847AD



FF2BB1



5FE847



73676F



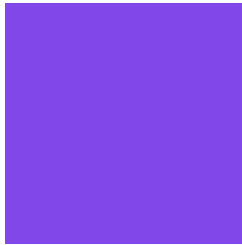
B30071



330020

Previews

White Background



This preview shows how the Hex color 8247E8 looks on a white background.

Color Contrast Check

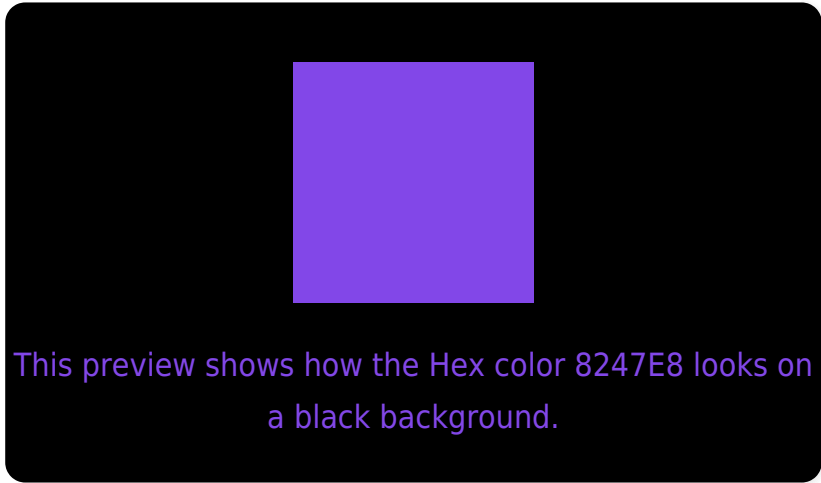
Large Text (above 18pt) WCAG AA ✓ Pass

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

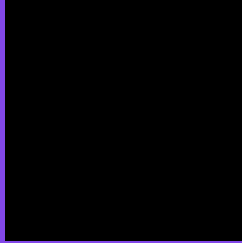
Any Text WCAG AA × Fail

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 8247E8 Background



This preview shows how black text looks on a background with the Hex color 8247E8.

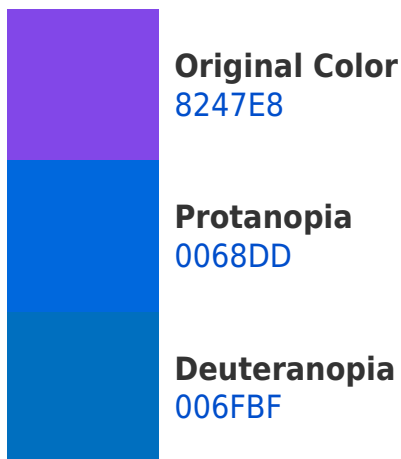


This preview shows how white text looks on a background with the Hex color 8247E8.

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](#).

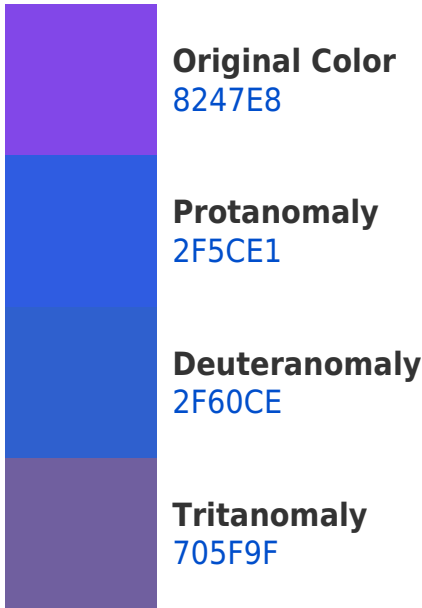
Dichromacy



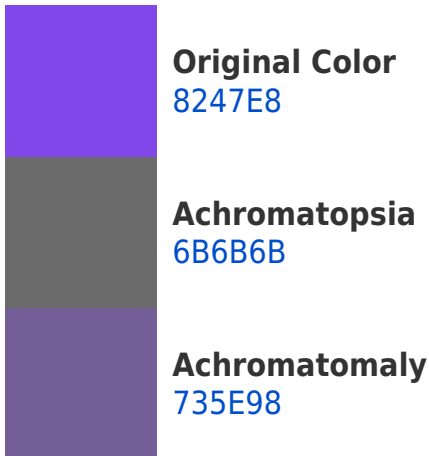


Tritanopia
666D75

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8247E8 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 #8247E8 looks like.

```
.text, #text, p{  
    color:#8247E8  
}
```

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 #8247E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8247E8
}
```

Border

The CSS property to change the border of an element to Hex 8247E8 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".

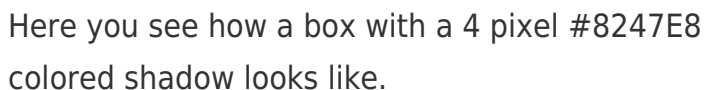
```
.border, #border, table{ border:4px solid
#8247E8 }
```

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

```
.border{ border-color:#8247E8 }
```

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

Here you see how a box with a 4 pixel #8247E8 colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top and left sides, and a thicker purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8247E8; -webkit-box-shadow:4px 4px  
4px 4px #8247E8; box-shadow:4px 4px 4px  
4px #8247E8 }
```

Background

The CSS property to change the background color of an element to Hex 8247E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8247E8 }
```

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

```
.background{ background-color:#8247E8 }
```

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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