

Converting Colors

Hex(6847E6)

Have a look what the booklet for
Hex(6847E6) contains.

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Color

Hex(6847E6)

Conversions

Conversions Part 1

Format	Color
Hex	6847E6
RGB	104, 71, 230
RGB Percent	41%, 28%, 90%
CMY	0.5922, 0.7216, 0.0980
CMYK	0.55, 0.69, 0.00, 0.10
HSL	252°, 76%, 59%
HSV	252°, 69%, 90%
XYZ	22.2451, 13.1627, 76.2311
YIQ	98.9930, -31.3710, 56.4450

Conversions

Conversions Part 2

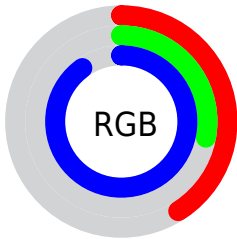
Format	Color
RYB	104, 71, 230
Decimal	6834150
CIELab	43.01, 53.79, -75.85
CIELCh	43, 92.990, 305.341
Yxy	13.1627, 0.1993, 0.1179
Android (android.graphics.Color)	4285024230 (0xFF6847E6)
YUV	98.9930, 64.5865, 4.3911
Hunter-Lab	36.2804, 45.9552, -99.1816

Details

The Hex color **6847E6** 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 **C5E647**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **A57AFF**, and **1D15AD** is the 20% darker color. If you saturate the color by 10%, you get **5630E6**, and if you desaturate by 10%, it is **7A5EE6**.

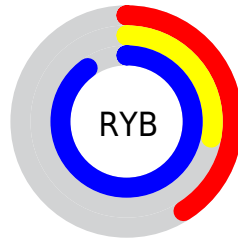
Distribution



Red (41%)

Green (28%)

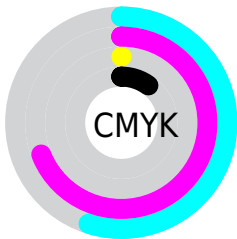
Blue (90%)



Red (41%)

Yellow (28%)

Blue (90%)

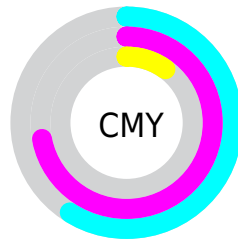


Cyan (55%)

Magenta (69%)

Yellow (0%)

Black (10%)



Cyan (59%)

Magenta (72%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6847E6 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 6847E6 by changing the saturation by 10% instead.

 6847E6

 6847E6

FFFFFF

 472EC9

 A57AFF

 1D15AD

 C495FF

 000092

 E2B0FF

 000077

 FFCCFF

 00005D

 FFE8FF

 000844

 00032D

 000118

 000000

■ 6847E6

■ 6847E6

■ 5630E6

■ 7A5EE6

■ 4419E6

■ 8C75E6

■ 3102E6

■ 9F8CE6

■ 3000E6

■ B1A3E6

■ C3BAE6

■ D5D1E6

■ E8E8E6

■ FAFFE6

■ FFFFE6

Harmonies

Analogous

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



006DFF



6847E6



C700A7

Triad

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



6847E6



AD4600



008272

Complementary

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



6847E6



C5E647

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.



007F1B



6847E6



706800

Square

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



6847E6



D7000E



007800



0083BE

Rectangle

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



6847E6



DF0075



007800



008157

Sweetspot

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



6847E6



D5C9FF



47C6E6



666080



000000



808080

Same Dimension

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



6847E6



572BFF



B647E6



6A6773



2500B3



0B0033

Inverse Universe

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



E647C5



FF2BD3



77E647



736770



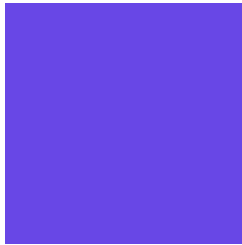
B3008D



330028

Previews

White Background



This preview shows how the Hex color 6847E6 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

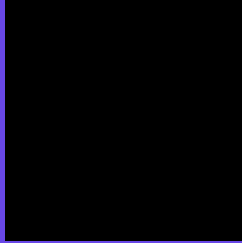
Any Text WCAG AA × Fail

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 6847E6 Background



This preview shows how black text looks on a background with the Hex color 6847E6.

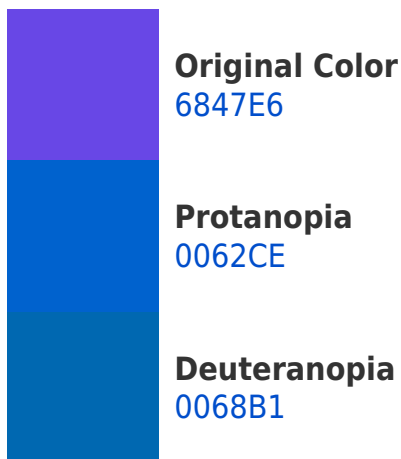



This preview shows how white text looks on a background with the Hex color 6847E6.

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](#).

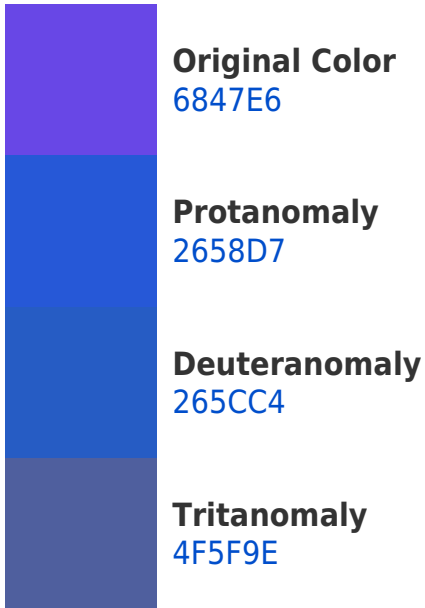
Dichromacy





Tritanopia
406C75

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6847E6 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 #6847E6 looks like.

```
.text, #text, p{  
    color:#6847E6  
}
```

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 #6847E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6847E6
}
```

Border

The CSS property to change the border of an element to Hex 6847E6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

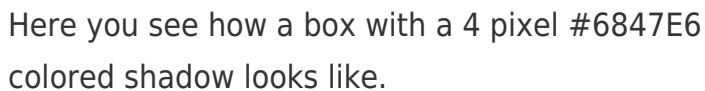
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6847E6 }
```

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

```
.border{ border-color:#6847E6 }
```

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



Here you see how a box with a 4 pixel #6847E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6847E6; -webkit-box-shadow:4px 4px  
4px 4px #6847E6; box-shadow:4px 4px 4px  
4px #6847E6 }
```

Background

The CSS property to change the background color of an element to Hex 6847E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6847E6 }
```

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

```
.background{ background-color:#6847E6 }
```

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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