

Converting Colors

Hex(8740CE)

Have a look what the booklet for
Hex(8740CE) contains.

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Color

Hex(8740CE)

Conversions

Conversions Part 1

Format	Color
Hex	8740CE
RGB	135, 64, 206
RGB Percent	53%, 25%, 81%
CMY	0.4706, 0.7490, 0.1922
CMYK	0.34, 0.69, 0.00, 0.19
HSL	270°, 59%, 53%
HSV	270°, 69%, 81%
XYZ	22.9656, 13.2739, 59.7442
YIQ	101.4170, -3.2660, 59.2140

Conversions

Conversions Part 2

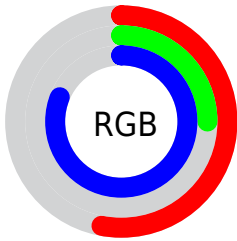
Format	Color
R _Y B	135, 64, 206
Decimal	8863950
CIE Lab	43.17, 56.37, -61.71
CIE LCh	43, 83.580, 312.407
Yxy	13.2739, 0.2393, 0.1383
Android (android.graphics.Color)	4287054030 (0xFF8740CE)
YUV	101.4170, 51.5594, 29.4523
Hunter-Lab	36.4334, 48.7584, -71.7216

Details

The Hex color **8740CE** is a dark color, and the websafe version is hex **9933CC**. The color can be described as middle muted purple. A complement of this color would be **87CE40**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **C175FF**, and **4E0197** is the 20% darker color. If you saturate the color by 10%, you get **7D2BCE**, and if you desaturate by 10%, it is **9155CE**.

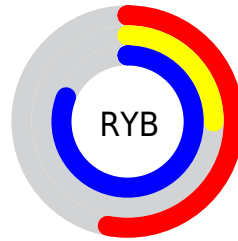
Distribution



Red (53%)

Green (25%)

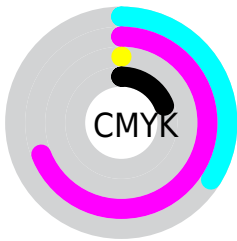
Blue (81%)



Red (53%)

Yellow (25%)

Blue (81%)

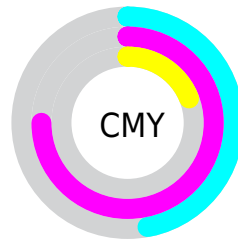


Cyan (34%)

Magenta (69%)

Yellow (0%)

Black (19%)



Cyan (47%)

Magenta (75%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8740CE 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 8740CE by changing the saturation by 10% instead.

8740CE

8740CE

FFFFFF

6A25B2

C175FF

4E0197

DE90FF

30007C

FCABFF

0A0062

FFC7FF

000049

FFE4FF

000432

00011C

000000

8740CE

8740CE

7D2BCE

9155CE

7217CE

9C69CE

6802CE

A67ECE

6700CE

B092CE

BBA7CE

C5BCCE

CFD0CE

D9E5CE

E4F9CE

Harmonies

Analogous

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



0066F0



8740CE



C80092

Triad

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



8740CE



9D5300



008182

Complementary

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



8740CE



87CE40

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.



007F39



8740CE



636C00

Square

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



8740CE



C72100



007900



0081C3

Rectangle

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



8740CE



D80064



007900



00816A

Sweetspot

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



8740CE



E4C9FF



4087CE



706080



000000



808080

Same Dimension

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



8740CE



952BFF



CE40CE



615C66



5300A6



130026

Inverse Universe

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



CE4087



FF2B95



40CE40



665C61



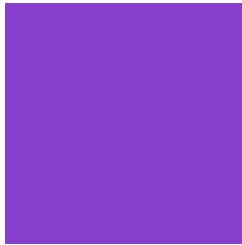
A60053



260013

Previews

White Background



This preview shows how the Hex color 8740CE looks on a white background.

Color Contrast Check

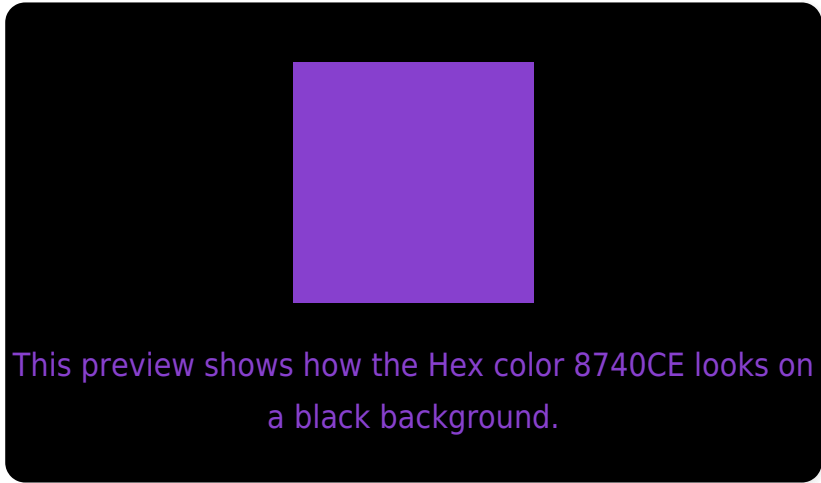
Large Text (above 18pt) WCAG AA ✓ Pass

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

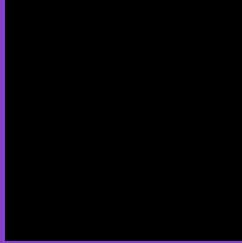
Any Text WCAG AA × Fail

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 8740CE Background



This preview shows how black text looks on a background with the Hex color 8740CE.

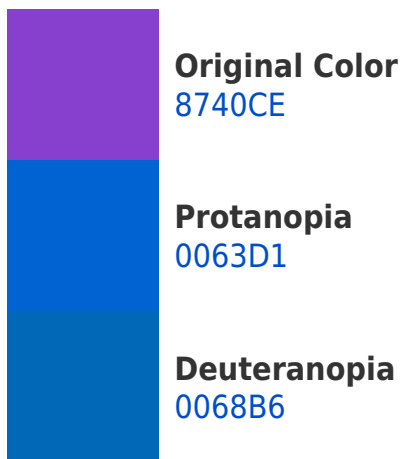


This preview shows how white text looks on a background with the Hex color 8740CE.

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](#).

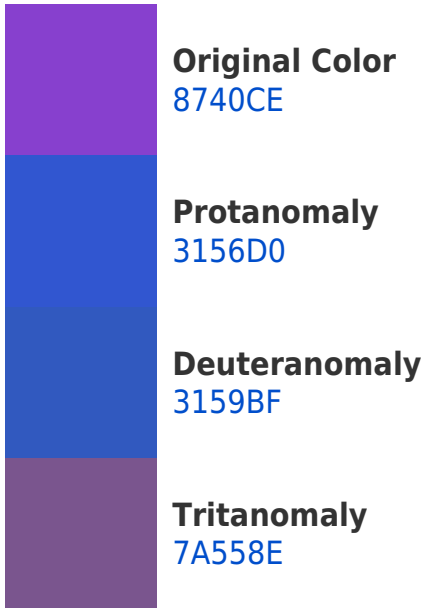
Dichromacy



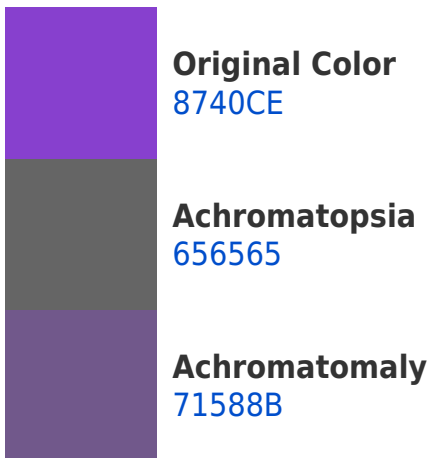


Tritanopia
736169

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8740CE 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 #8740CE looks like.

```
.text, #text, p{  
    color:#8740CE  
}
```

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 #8740CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8740CE
}
```

Border

The CSS property to change the border of an element to Hex 8740CE 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
#8740CE }
```

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

```
.border{ border-color:#8740CE }
```

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

Here you see how a box with a 4 pixel #8740CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8740CE; -webkit-box-shadow:4px 4px  
4px 4px #8740CE; box-shadow:4px 4px 4px  
4px #8740CE }
```

Background

The CSS property to change the background color of an element to Hex 8740CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8740CE }
```

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

```
.background{ background-color:#8740CE }
```

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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