

Converting Colors

Hex(8045C0)

Have a look what the booklet for
Hex(8045C0) contains.

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Color

Hex(8045C0)

Conversions

Conversions Part 1

Format	Color
Hex	8045C0
RGB	128, 69, 192
RGB Percent	50%, 27%, 75%
CMY	0.4980, 0.7294, 0.2471
CMYK	0.33, 0.64, 0.00, 0.25
HSL	269°, 49%, 51%
HSV	269°, 64%, 75%
XYZ	20.5446, 12.6512, 51.2283
YIQ	100.6630, -4.3190, 50.7610

Conversions

Conversions Part 2

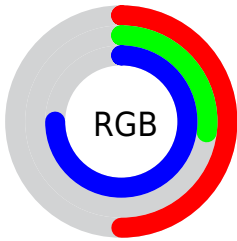
Format	Color
R_{YB}	128, 69, 192
Decimal	8406464
CIE _{Lab}	42.23, 49.07, -55.15
CIE _{LCh}	42, 73.819, 311.658
Yxy	12.6512, 0.2434, 0.1499
Android (android.graphics.Color)	4286596544 (0xFF8045C0)
YUV	100.6630, 45.0291, 23.9745
Hunter-Lab	35.5685, 40.8579, -60.4956

Details

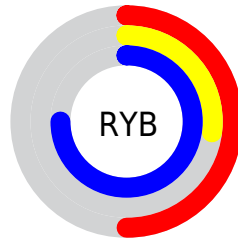
The Hex color **8045C0** is a dark color, and the websafe version is hex **663399**. The color can be described as middle muted purple. A complement of this color would be **85C045**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **B979F9**, and **481089** is the 20% darker color. If you saturate the color by 10%, you get **7632C0**, and if you desaturate by 10%, it is **8A58C0**.

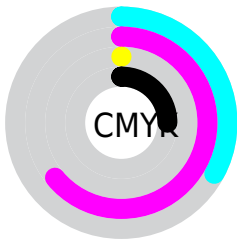
Distribution



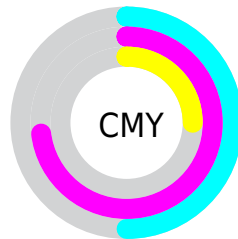
- Red (50%)
- Green (27%)
- Blue (75%)



- Red (50%)
- Yellow (27%)
- Blue (75%)



- Cyan (33%)
- Magenta (64%)
- Yellow (0%)
- Black (25%)



- Cyan (50%)
- Magenta (73%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8045C0 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 8045C0 by changing the saturation by 10% instead.

8045C0

8045C0

FFFFFF

642CA4

B979F9

481089

D693FF

2B006F

F3AFFF

0B0056

FFCAFF

00003E

FFE7FF

000327

000110

000000

8045C0

8045C0

7632C0

8A58C0

6C1FC0

946BC0

620BC0

9E7FC0

5C00C0

A892C0

B2A5C0

BCB8C0

C6CBC0

D0DFC0

DAF2C0

Harmonies

Analogous

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



0064DD



8045C0



BA0D8B

Triad

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



8045C0



985300



007D7B

Complementary

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



8045C0



85C045

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.



007A3A



8045C0



656900

Square

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



8045C0



BC2D11



077500



007CB4

Rectangle

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



8045C0



C90063



077500



007C66

Sweetspot

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



8045C0



E1CAFA



4587C0



6E607D



FCFCFC



7D7D7D

Same Dimension

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



8045C0



9639FA



BC45C0



5C5761



4D00A1



100021

Inverse Universe

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



C04585



FA399E



49C045



61575C



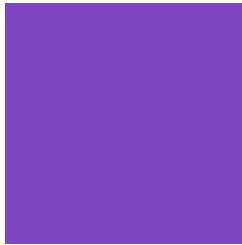
A10054



210011

Previews

White Background



This preview shows how the Hex color 8045C0 looks on a white background.

Color Contrast Check

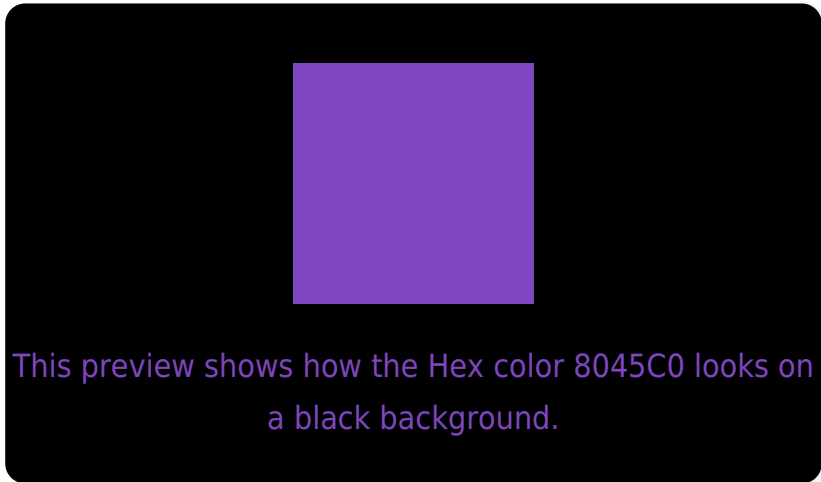
Large Text (above 18pt) WCAG AA ✓ Pass

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

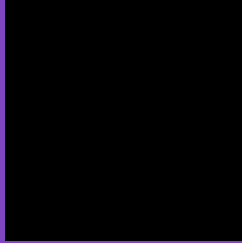
Any Text WCAG AA × Fail

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 8045C0 Background



This preview shows how black text looks on a background with the Hex color 8045C0.

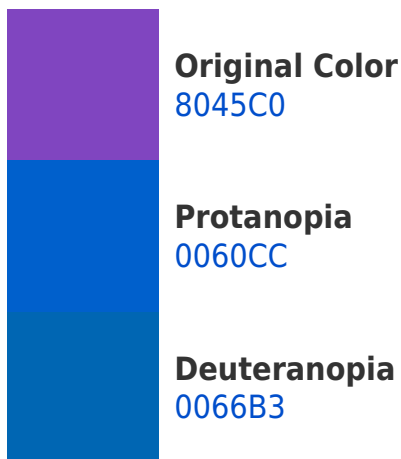


This preview shows how white text looks on a background with the Hex color 8045C0.

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](#).

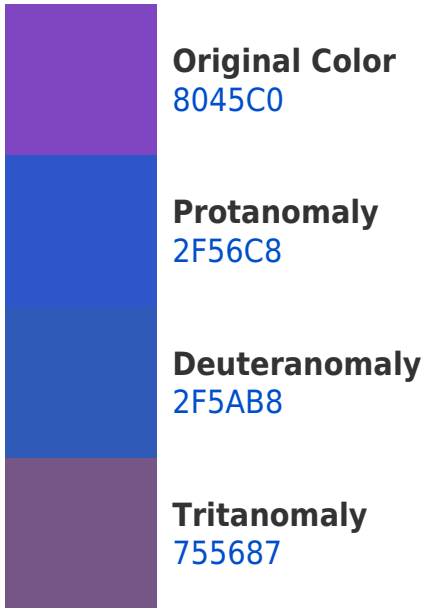
Dichromacy



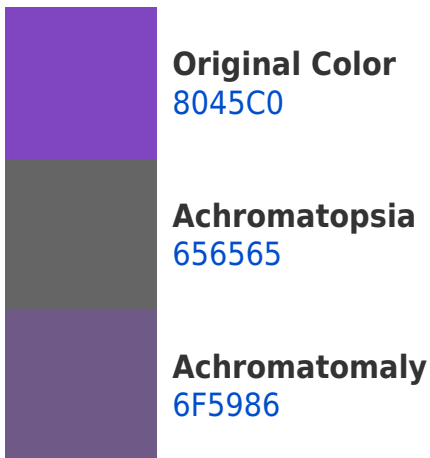


Tritanopia
6F6067

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8045C0 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 #8045C0 looks like.

```
.text, #text, p{  
    color:#8045C0  
}
```

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 #8045C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8045C0
}
```

Border

The CSS property to change the border of an element to Hex 8045C0 is called "border". The border property can be set on classes, ids or directly on the HTML element.

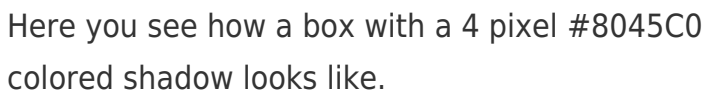
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8045C0 }
```

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

```
.border{ border-color:#8045C0 }
```

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



Here you see how a box with a 4 pixel #8045C0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8045C0; -webkit-box-shadow:4px 4px  
4px 4px #8045C0; box-shadow:4px 4px 4px  
4px #8045C0 }
```

Background

The CSS property to change the background color of an element to Hex 8045C0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8045C0 }
```

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

```
.background{ background-color:#8045C0 }
```

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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