

Converting Colors

Hex(7F5CCB)

Have a look what the booklet for
Hex(7F5CCB) contains.

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Color

Hex(7F5CCB)

Conversions

Conversions Part 1

Format	Color
Hex	7F5CCB
RGB	127, 92, 203
RGB Percent	50%, 36%, 80%
CMY	0.5020, 0.6392, 0.2039
CMYK	0.37, 0.55, 0.00, 0.20
HSL	259°, 52%, 58%
HSV	259°, 55%, 80%
XYZ	23.3590, 16.4781, 58.4494
YIQ	115.1190, -14.7710, 41.9410

Conversions

Conversions Part 2

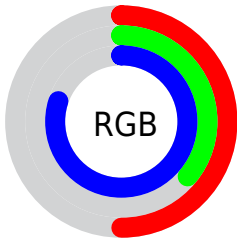
Format	Color
R _Y B	127, 92, 203
Decimal	8346827
CIE Lab	47.60, 39.07, -52.90
CIE LCh	48, 65.762, 306.451
Yxy	16.4781, 0.2377, 0.1677
Android (android.graphics.Color)	4286536907 (0xFF7F5CCB)
YUV	115.1190, 43.3253, 10.4196
Hunter-Lab	40.5932, 31.6781, -56.9551

Details

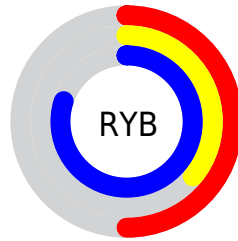
The Hex color **7F5CCB** is a dark color, and the websafe version is hex **9966CC**. The color can be described as middle muted purple. A complement of this color would be **A8CB5C**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **B78FFF**, and **482C94** is the 20% darker color. If you saturate the color by 10%, you get **7148CB**, and if you desaturate by 10%, it is **8D70CB**.

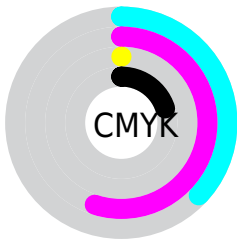
Distribution



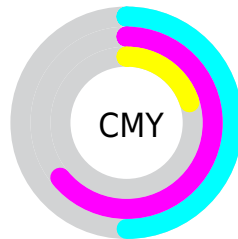
- Red (50%)
- Green (36%)
- Blue (80%)



- Red (50%)
- Yellow (36%)
- Blue (80%)



- Cyan (37%)
- Magenta (55%)
- Yellow (0%)
- Black (20%)



- Cyan (50%)
- Magenta (64%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7F5CCB 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 7F5CCB by changing the saturation by 10% instead.

7F5CCB

7F5CCB

FFFFFF

6344AF

B78FFF

482C94

D4AAFF

2A157A

F2C6FF

010060

FFE2FF

000048


000430

00011A

000000

7F5CCB

7F5CCB

 7148CB

 8D70CB

 6333CB

 9B85CB

 551FCB

 A999CB

 470BCB

 B7ADCB

 4000CB

 C4C2CB

 D2D6CB

 E0EACB

 EEFE CB

 FCFFCB

Harmonies

Analogous

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



0074E0



7F5CCB



BB3E9E

Triad

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



7F5CCB



AB5D00



00897C

Complementary

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



7F5CCB



A8CB5C

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.



008742



7F5CCB



7E7200

Square

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



7F5CCB



C94132



428000



0088B2

Rectangle

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



7F5CCB



CD2F7A



428000



008968

Sweetspot

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



7F5CCB



E3D6FF



5CAACB



6F6780



000000



808080

Same Dimension

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



7F5CCB



8C57FF



B55CCB



5F5C66



3400A6



0C0026

Inverse Universe

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



CB5CA8



FF57CA



72CB5C



665C63



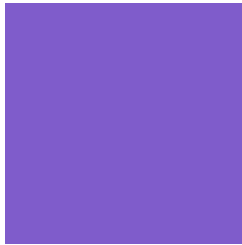
A60071



26001A

Previews

White Background



This preview shows how the Hex color 7F5CCB 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

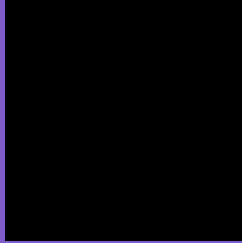
Any Text WCAG AA × Fail

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 7F5CCB Background



This preview shows how black text looks on a background with the Hex color 7F5CCB.

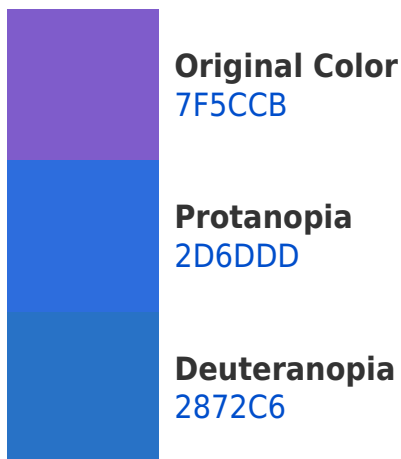


This preview shows how white text looks on a background with the Hex color 7F5CCB.

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](#).

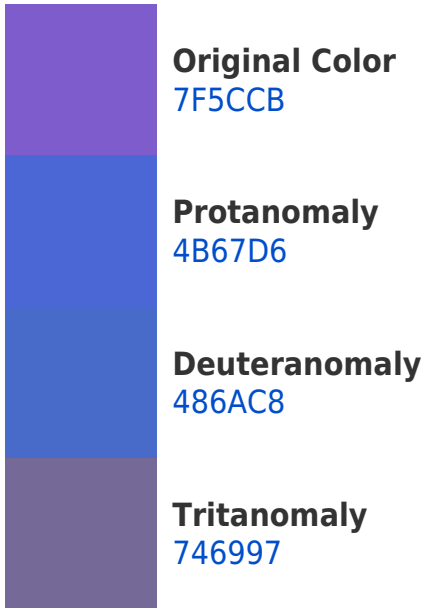
Dichromacy





Tritanopia
6D717A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7F5CCB 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 #7F5CCB looks like.

```
.text, #text, p{  
    color:#7F5CCB  
}
```

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 #7F5CCB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F5CCB
}
```

Border

The CSS property to change the border of an element to Hex 7F5CCB 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".

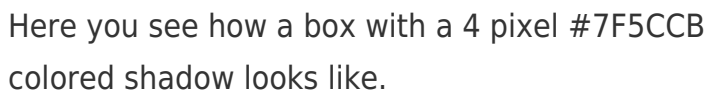
```
.border, #border, table{ border:4px solid
#7F5CCB }
```

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

```
.border{ border-color:#7F5CCB }
```

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

Here you see how a box with a 4 pixel #7F5CCB 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 #7F5CCB; -webkit-box-shadow:4px 4px  
4px 4px #7F5CCB; box-shadow:4px 4px 4px  
4px #7F5CCB }
```

Background

The CSS property to change the background color of an element to Hex 7F5CCB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F5CCB }
```

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

```
.background{ background-color:#7F5CCB }
```

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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