

Converting Colors

Hex(7B5FC0)

Have a look what the booklet for
Hex(7B5FC0) contains.

Hex(7B5FC0)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(7B5FC0)

Conversions

Conversions Part 1	
Format	Color
Hex	7B5FC0
RGB	123, 95, 192
RGB Percent	48%, 37%, 75%
CMY	0.5176, 0.6275, 0.2471
CMYK	0.36, 0.51, 0.00, 0.25
HSL	257°, 43%, 56%
HSV	257°, 51%, 75%
XYZ	21.7750, 16.2011, 51.8486
YIQ	114.4300, -14.4490, 36.1030

Conversions

Conversions Part 2

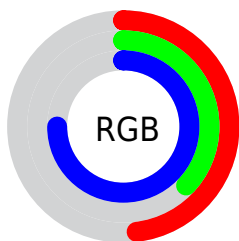
Format	Color
RYB	123, 95, 192
Decimal	8085440
CIELab	47.24, 33.37, -47.15
CIELCh	47, 57.764, 305.290
Yxy	16.2011, 0.2424, 0.1804
Android (android.graphics.Color)	4286275520 (0xFF7B5FC0)
YUV	114.4300, 38.2420, 7.5159
Hunter-Lab	40.2506, 26.1273, -48.1986

Details

The Hex color **7B5FC0** is a dark color, and the websafe version is hex **6666CC**. The color can be described as middle muted purple. A complement of this color would be **A4C05F**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **B292F9**, and **45308A** is the 20% darker color. If you saturate the color by 10%, you get **6D4CC0**, and if you desaturate by 10%, it is **8972C0**.

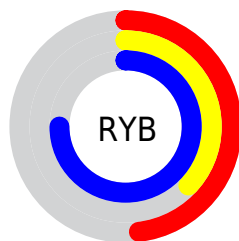
Distribution



Red (48%)

Green (37%)

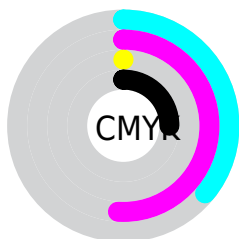
Blue (75%)



Red (48%)

Yellow (37%)

Blue (75%)

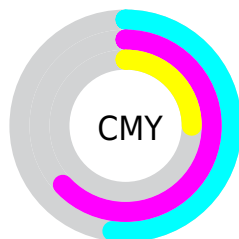


Cyan (36%)

Magenta (51%)

Yellow (0%)

Black (25%)



Cyan (52%)

Magenta (63%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B5FC0 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 7B5FC0 by changing the saturation by 10% instead.

 7B5FC0

 7B5FC0

FFFFFF

 6047A5

 B292F9

 45308A

 CFADFF

 291970

 ECC8FF

 040457

 FFE5FF

 00003F

 000328

 000112

 000000

 7B5FC0

 7B5FC0

 6D4CC0

 8972C0

 6039C0

 9685C0

 5225C0

 A499C0

 4412C0

 B2ACC0

 3700C0

 BFBFC0

 CDD2C0

 DBE5C0

 E8F9C0

 F6FFC0

Harmonies

Analogous

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



0073D1



7B5FC0



B1489A

Triad

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



7B5FC0



A65E0D



008678

Complementary

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



7B5FC0



A4C05F

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.



008345



7B5FC0



7F7100

Square

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



7B5FC0



C0483B



4C7D14



0085A7

Rectangle

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



7B5FC0



C23D7A



4C7D14



008667

Sweetspot

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



7B5FC0



DFD4FA



5FA5C0



6D667D



FCFCFC



7D7D7D

Same Dimension

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



7B5FC0



8D61FA



AB5FC0



5A5761



2E00A1



0A0021

Inverse Universe

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



C05FA4



FA61CE



74C05F



61575E



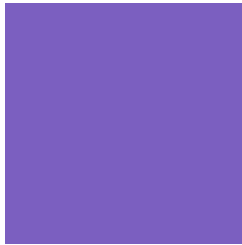
A10072



210018

Previews

White Background



This preview shows how the Hex color 7B5FC0 looks on a white background.

Color Contrast Check

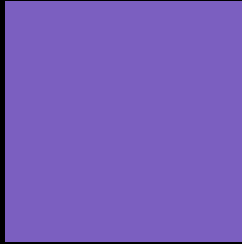
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 7B5FC0 looks on a 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 7B5FC0 Background



This preview shows how black text looks on a background with the Hex color 7B5FC0.



This preview shows how white text looks on a background with the Hex color 7B5FC0.

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



Original Color

7B5FC0

Protanopia

3F6DCE

Deuteranopia

3C71BC



Tritanopia

6C7079

Trichromacy



Original Color

7B5FC0



Protanomaly

5568C9



Deuteranomaly

536ABD



Tritanomaly

716A93

Monochromacy



Original Color

7B5FC0



Achromatopsia

727272



Achromatomaly

756B8E

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B5FC0 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 #7B5FC0 looks like.

```
.text, #text, p{  
    color:#7B5FC0  
}
```

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 #7B5FC0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B5FC0
}
```

Border

The CSS property to change the border of an element to Hex 7B5FC0 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
#7B5FC0 }
```

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

```
.border{ border-color:#7B5FC0 }
```

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

Here you see how a box with a 4 pixel #7B5FC0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B5FC0; -webkit-box-shadow:4px 4px  
4px 4px #7B5FC0; box-shadow:4px 4px 4px  
4px #7B5FC0 }
```

Background

The CSS property to change the background color of an element to Hex 7B5FC0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B5FC0 }
```

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

```
.background{ background-color:#7B5FC0 }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor