

Converting Colors

Hex(7B5DD8)

Have a look what the booklet for
Hex(7B5DD8) contains.

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Color

Hex(7B5DD8)

Conversions

Conversions Part 1

Format	Color
Hex	7B5DD8
RGB	123, 93, 216
RGB Percent	48%, 36%, 85%
CMY	0.5176, 0.6353, 0.1529
CMYK	0.43, 0.57, 0.00, 0.15
HSL	255°, 61%, 61%
HSV	255°, 57%, 85%
XYZ	24.4774, 16.9975, 66.9565
YIQ	115.9920, -21.6030, 44.6130

Conversions

Conversions Part 2

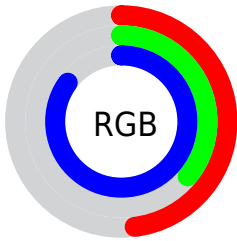
Format	Color
R_{YB}	123, 93, 216
Decimal	8084952
CIE _{Lab}	48.26, 41.14, -59.29
CIE _{LCh}	48, 72.164, 304.758
Yxy	16.9975, 0.2257, 0.1568
Android (android.graphics.Color)	4286275032 (0xFF7B5DD8)
YUV	115.9920, 49.3039, 6.1460
Hunter-Lab	41.2281, 33.8277, -67.4304

Details

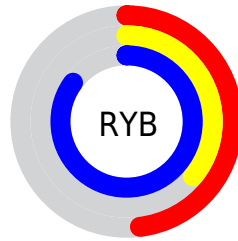
The Hex color **7B5DD8** is a dark color, and the websafe version is hex **9966CC**. The color can be described as middle muted purple. A complement of this color would be **BAD85D**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **B490FF**, and **412DA0** is the 20% darker color. If you saturate the color by 10%, you get **6B47D8**, and if you desaturate by 10%, it is **8B73D8**.

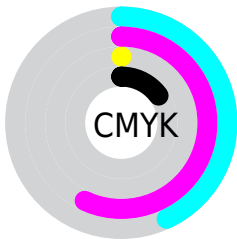
Distribution



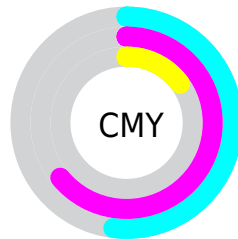
- Red (48%)
- Green (36%)
- Blue (85%)



- Red (48%)
- Yellow (36%)
- Blue (85%)



- Cyan (43%)
- Magenta (57%)
- Yellow (0%)
- Black (15%)



- Cyan (52%)
- Magenta (64%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B5DD8 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 7B5DD8 by changing the saturation by 10% instead.

7B5DD8

7B5DD8

FFFFFF

5E45BC

B490FF

412DA0

D2ABFF

1F1685

EFC7FF

00016B

FFE3FF

000052

00063A

000224

00000B

000000

 7B5DD8

 7B5DD8

 6B47D8

 8B73D8

 5A32D8

 9C88D8

 4A1CD8

 AC9ED8

 3A07D8

 BCB3D8

 3500D8

 CDC9D8

 DDDFD8

 EDF4D8

 FEFFD8

 FFFFD8

Harmonies

Analogous

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



0078EE



7B5DD8



C138A8

Triad

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



7B5DD8



B35B00



008D7B

Complementary

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



7B5DD8



BAD85D

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.



00893B



7B5DD8



837300

Square

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



7B5DD8



D33930



418200



008CB7

Rectangle

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



7B5DD8



D62180



418200



008C66

Sweetspot

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



7B5DD8



DED4FF



5DBBD8



6C6680



000000



808080

Same Dimension

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



7B5DD8



7C52FF



B75DD8



63606B



2A00AB



0B002B

Inverse Universe

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



D85DBA



FF52D5



7ED85D



6B6068



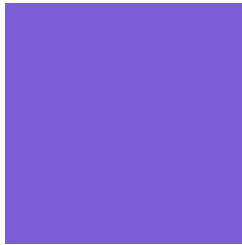
AB0081



2B0021

Previews

White Background



This preview shows how the Hex color 7B5DD8 looks on a white background.

Color Contrast Check

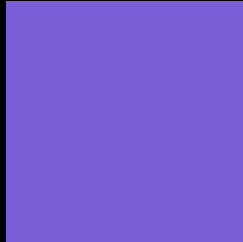
Large Text (above 18pt) WCAG AA ✓ Pass

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 7B5DD8 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 7B5DD8 Background



This preview shows how black text looks on a background with the Hex color 7B5DD8.

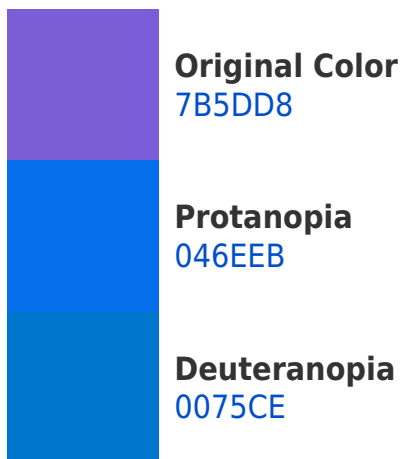


This preview shows how white text looks on a background with the Hex color 7B5DD8.

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](#).

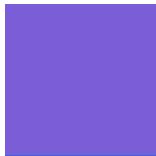
Dichromacy



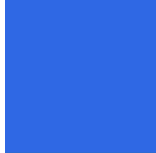


Tritanopia
65757E

Trichromacy



Original Color
7B5DD8



Protanomaly
2F68E4

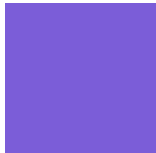


Deuteranomaly
2D6CD2



Tritanomaly
6D6C9F

Monochromacy



Original Color
7B5DD8



Achromatopsia
747474



Achromatomaly
776C98

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B5DD8 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 #7B5DD8 looks like.

```
.text, #text, p{  
    color:#7B5DD8  
}
```

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 #7B5DD8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B5DD8
}
```

Border

The CSS property to change the border of an element to Hex 7B5DD8 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
#7B5DD8 }
```

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

```
.border{ border-color:#7B5DD8 }
```

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

Here you see how a box with a 4 pixel #7B5DD8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B5DD8; -webkit-box-shadow:4px 4px  
4px 4px #7B5DD8; box-shadow:4px 4px 4px  
4px #7B5DD8 }
```

Background

The CSS property to change the background color of an element to Hex 7B5DD8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B5DD8 }
```

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

```
.background{ background-color:#7B5DD8 }
```

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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