

Converting Colors

Hex(7777D4)

Have a look what the booklet for
Hex(7777D4) contains.

Hex(7777D4)	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(7777D4)

Conversions

Conversions Part 1

Format	Color
Hex	7777D4
RGB	119, 119, 212
RGB Percent	47%, 47%, 83%
CMY	0.5333, 0.5333, 0.1686
CMYK	0.44, 0.44, 0.00, 0.17
HSL	240°, 52%, 65%
HSV	240°, 44%, 83%
XYZ	26.0882, 21.8691, 65.1335
YIQ	129.6020, -29.8530, 28.9230

Conversions

Conversions Part 2

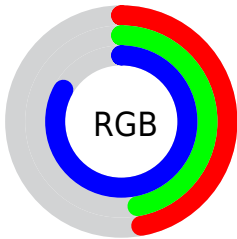
Format	Color
R _Y B	119, 119, 212
Decimal	7829460
CIE Lab	53.89, 23.70, -48.02
CIE LCh	54, 53.552, 296.269
Yxy	21.8691, 0.2307, 0.1934
Android (android.graphics.Color)	4286019540 (0xFF7777D4)
YUV	129.6020, 40.6222, -9.2980
Hunter-Lab	46.7644, 17.7414, -49.8442

Details

The Hex color **7777D4** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **D4D477**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **AFABFF**, and **3F479D** is the 20% darker color. If you saturate the color by 10%, you get **6262D4**, and if you desaturate by 10%, it is **8C8CD4**.

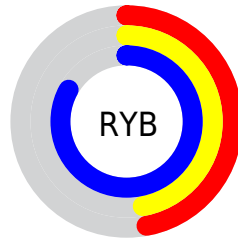
Distribution



Red (47%)

Green (47%)

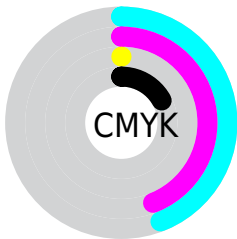
Blue (83%)



Red (47%)

Yellow (47%)

Blue (83%)

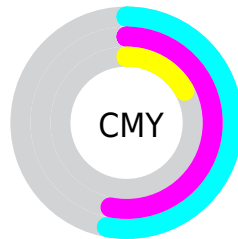


Cyan (44%)

Magenta (44%)

Yellow (0%)

Black (17%)



Cyan (53%)

Magenta (53%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7777D4 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 7777D4 by changing the saturation by 10% instead.

 7777D4

 7777D4

FFFFFF

 5B5EB8

 AFABFF

 3F479D

 CCC6FF

 1F3082


 E9E2FF

 001C69

 000550

 000538

 000222

 000007

 000000

■ 7777D4

■ 7777D4

■ 6262D4

■ 8C8CD4

■ 4D4DD4

■ A1A1D4

■ 3737D4

■ B7B7D4

■ 2222D4

■ CCCC D4

■ 0D0DD4

■ E1E1D4

■ 0000D4

■ F6F6D4

■ FFFFD4

Harmonies

Analogous

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



0088DD



7777D4



B363B5

Triad

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



7777D4



C06B34



009679

Complementary

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



7777D4



D4D477

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.



30934B



7777D4



9E7D1B

Square

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



7777D4



D35A5B



718A26



0097A8

Rectangle

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



7777D4



CA5998



718A26



009669

Sweetspot

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



7777D4



DEDEFF



77D4D4



6B6B80



000000



808080

Same Dimension

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



7777D4



7878FF



A677D4



60606B



0000AB



00002B

Inverse Universe

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



D477D4



FF78FF



A6D477



6B606B



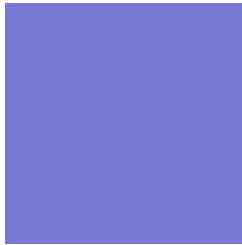
AB00AB



2B002B

Previews

White Background



This preview shows how the Hex color 7777D4 looks on a white 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

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

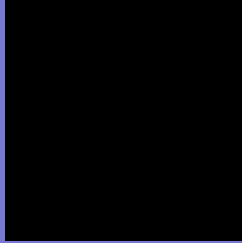
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 7777D4 Background



This preview shows how black text looks on a background with the Hex color 7777D4.

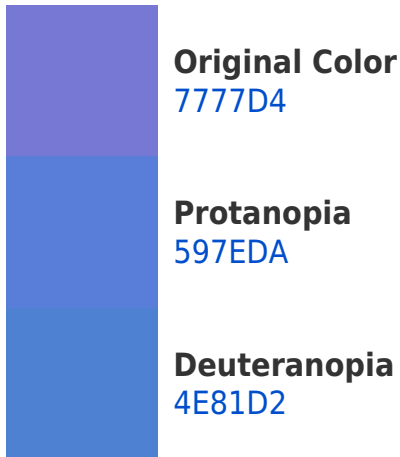


This preview shows how white text looks on a background with the Hex color 7777D4.

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](#).

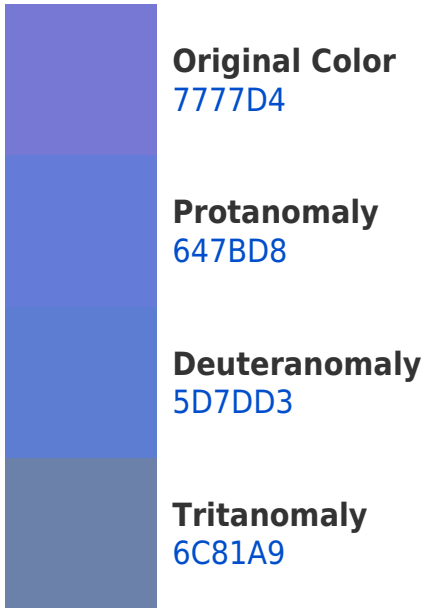
Dichromacy



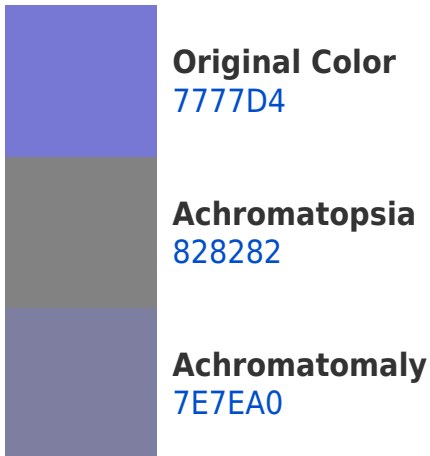


Tritanopia
658691

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7777D4 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 #7777D4 looks like.

```
.text, #text, p{  
    color:#7777D4  
}
```

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 #7777D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7777D4
}
```

Border

The CSS property to change the border of an element to Hex 7777D4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

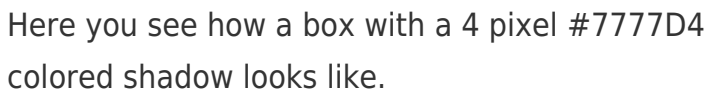
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7777D4 }
```

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

```
.border{ border-color:#7777D4 }
```

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



Here you see how a box with a 4 pixel `#7777D4` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7777D4; -webkit-box-shadow:4px 4px  
4px 4px #7777D4; box-shadow:4px 4px 4px  
4px #7777D4 }
```

Background

The CSS property to change the background color of an element to Hex 7777D4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7777D4 }
```

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

```
.background{ background-color:#7777D4 }
```

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