

Converting Colors

Hex(77A7D4)

Have a look what the booklet for
Hex(77A7D4) contains.

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Color

Hex(77A7D4)

Conversions

Conversions Part 1

Format	Color
Hex	77A7D4
RGB	119, 167, 212
RGB Percent	47%, 65%, 83%
CMY	0.5333, 0.3451, 0.1686
CMYK	0.44, 0.21, 0.00, 0.17
HSL	209°, 52%, 65%
HSV	209°, 44%, 83%
XYZ	33.3101, 36.3128, 67.5408
YIQ	157.7780, -43.0530, 3.8190

Conversions

Conversions Part 2

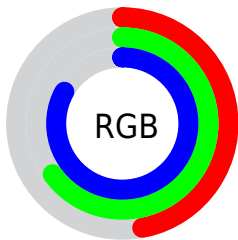
Format	Color
RYB	119, 151, 212
Decimal	7841748
CIELab	66.76, -4.20, -27.88
CIElCh	67, 28.196, 261.438
Yxy	36.3128, 0.2428, 0.2647
Android (android.graphics.Color)	4286031828 (0xFF77A7D4)
YUV	157.7780, 26.7314, -34.0083
Hunter-Lab	60.2601, -6.7854, -24.2714

Details

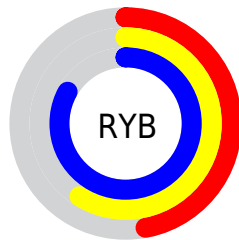
The Hex color **77A7D4** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **D4A477**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **AFDEFF**, and **40739D** is the 20% darker color. If you saturate the color by 10%, you get **629DD4**, and if you desaturate by 10%, it is **8CB1D4**.

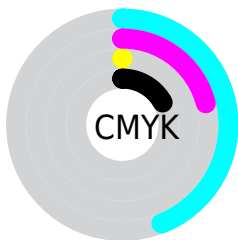
Distribution



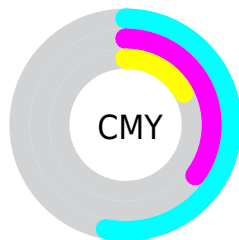
- Red (47%)
- Green (65%)
- Blue (83%)



- Red (47%)
- Yellow (59%)
- Blue (83%)



- Cyan (44%)
- Magenta (21%)
- Yellow (0%)
- Black (17%)



- Cyan (53%)
- Magenta (35%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77A7D4 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 77A7D4 by changing the saturation by 10% instead.

 77A7D4

 77A7D4


FFFFFF

 5C8DB8

 AFDEFF

 40739D

 CBF8FF

 215B83

 E8FFFF

 00436A

 002D51

 00193A

 000224

 00000C

 000000

■ 77A7D4

■ 77A7D4

■ 629DD4

■ 8CB1D4

■ 4D92D4

■ A1BCD4

■ 3788D4

■ B7C6D4

■ 227ED4

■ CCD0D4

■ 0D74D4

■ E1DAD4

■ 006DD4

■ F6E5D4

■ FFEFD4

■ FFF9D4

■ FFFFD4

Harmonies

Analogous

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



59ADC9



77A7D4



9C9ED1

Triad

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



77A7D4



D59091



84AD82

Complementary

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



77A7D4



D4A477

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.



A2A673



77A7D4



CE967C

Square

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



77A7D4



D090AB



BB9E70



68B09A

Rectangle

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



77A7D4



B299C9



BB9E70



8EAB7C

Sweetspot

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



77A7D4



DEEFFF



77D4A4



6B7680



000000



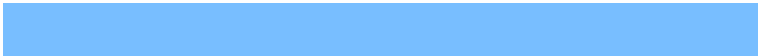
808080

Same Dimension

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



77A7D4



78BEFF



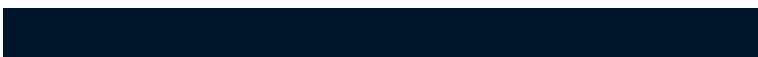
7779D4



60666B



0058AB



00162B

Inverse Universe

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



D477A7



FF78BE



D4D277



6B6066



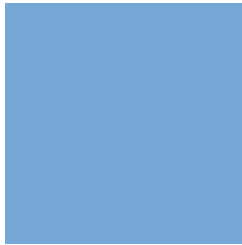
AB0058



2B0016

Previews

White Background



This preview shows how the Hex color 77A7D4 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 77A7D4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

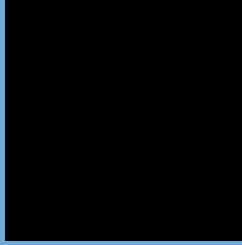
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

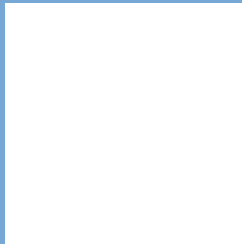
Any Text WCAG AAA ✓ Pass

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

Hex 77A7D4 Background



This preview shows how black text looks on a background with the Hex color 77A7D4.

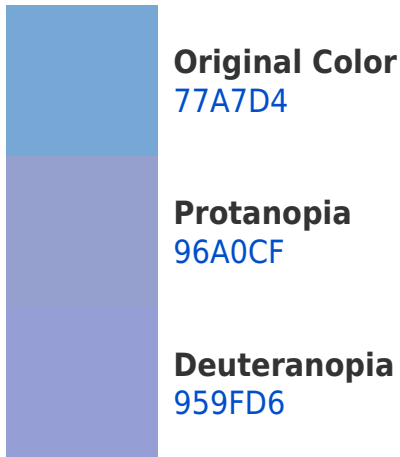


This preview shows how white text looks on a background with the Hex color 77A7D4.

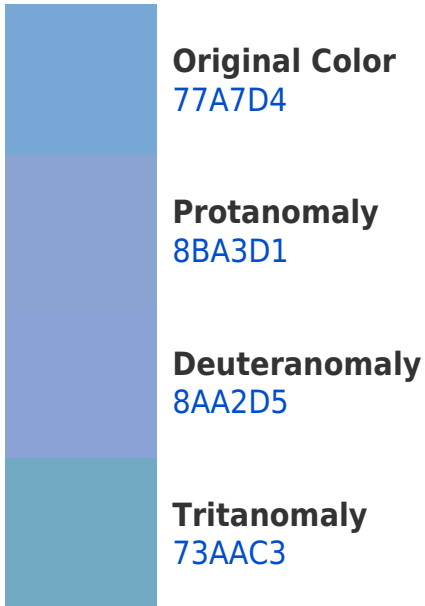
Color Blindness Simulation

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](#).

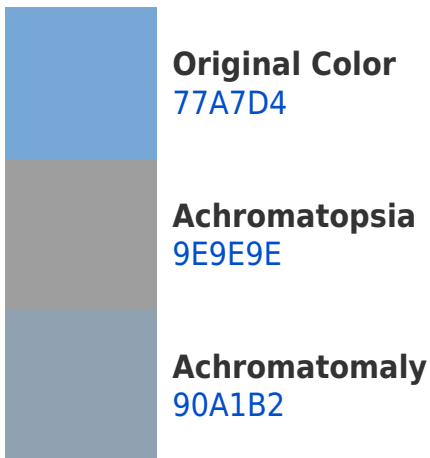
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 77A7D4 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 #77A7D4 looks like.

```
.text, #text, p{  
    color:#77A7D4  
}
```

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 #77A7D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77A7D4
}
```

Border

The CSS property to change the border of an element to Hex 77A7D4 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
#77A7D4 }
```

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

```
.border{ border-color:#77A7D4 }
```

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

Here you see how a box with a 4 pixel #77A7D4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77A7D4; -webkit-box-shadow:4px 4px  
4px 4px #77A7D4; box-shadow:4px 4px 4px  
4px #77A7D4 }
```

Background

The CSS property to change the background color of an element to Hex 77A7D4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77A7D4 }
```

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

```
.background{ background-color:#77A7D4 }
```

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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