

Converting Colors

Hex(77ABD7)

Have a look what the booklet for
Hex(77ABD7) contains.

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Color

Hex(77ABD7)

Conversions

Conversions Part 1

Format	Color
Hex	77ABD7
RGB	119, 171, 215
RGB Percent	47%, 67%, 84%
CMY	0.5333, 0.3294, 0.1569
CMYK	0.45, 0.20, 0.00, 0.16
HSL	208°, 55%, 65%
HSV	208°, 45%, 84%
XYZ	34.4364, 37.9541, 69.8009
YIQ	160.4680, -45.1160, 2.6600

Conversions

Conversions Part 2

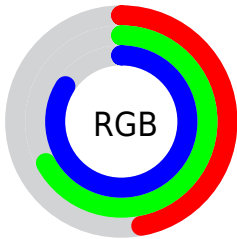
Format	Color
RYB	119, 153, 215
Decimal	7842775
CIELab	67.99, -5.56, -27.65
CIElCh	68, 28.200, 258.621
Yxy	37.9541, 0.2422, 0.2669
Android (android.graphics.Color)	4286032855 (0xFF77ABD7)
YUV	160.4680, 26.8843, -36.3674
Hunter-Lab	61.6069, -8.0358, -24.0510

Details

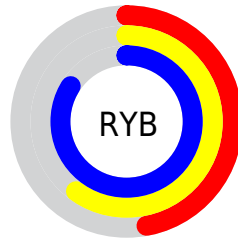
The Hex color **77ABD7** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **D7A377**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **AFE2FF**, and **3F77A0** is the 20% darker color. If you saturate the color by 10%, you get **62A1D7**, and if you desaturate by 10%, it is **8DB5D7**.

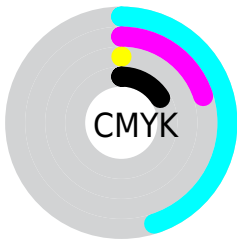
Distribution



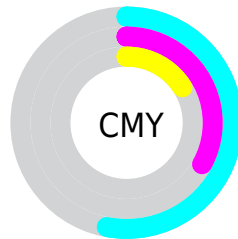
- Red (47%)
- Green (67%)
- Blue (84%)



- Red (47%)
- Yellow (60%)
- Blue (84%)



- Cyan (45%)
- Magenta (20%)
- Yellow (0%)
- Black (16%)



- Cyan (53%)
- Magenta (33%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77ABD7 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 77ABD7 by changing the saturation by 10% instead.

■ 77ABD7

■ 77ABD7

FFFFFF

■ 5B91BB

■ AFE2FF

■ 3F77A0

■ CCFFFF

■ 205E86

■ E9FFFF

■ 00476C

■ 003154

■ 001C3C

■ 000327

■ 000110

■ 000000

■ 77ABD7

■ 77ABD7

■ 62A1D7

■ 8DB5D7

■ 4C97D7

■ A2BFD7

■ 378DD7

■ B8C9D7

■ 2184D7

■ CDD2D7

■ 0C7AD7

■ E3DCD7

■ 0074D7

■ F8E6D7

■ FFF0D7

■ FFFAD7

■ FFFFD7

Harmonies

Analogous

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



5BB1CB



77ABD7



9CA3D6

Triad

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



77ABD7



D99397



8AB083

Complementary

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



77ABD7



D7A377

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.



A7A975



77ABD7



D29981

Square

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



77ABD7



D294B0



C1A174



6EB39B

Rectangle

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



77ABD7



B39DCD



C1A174



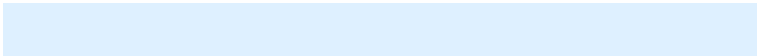
94AE7D

Sweetspot

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



77ABD7



DEF0FF



77D7A2



6B7680



000000



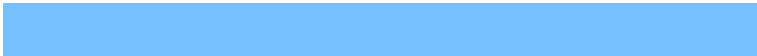
808080

Same Dimension

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



77ABD7



75C0FF



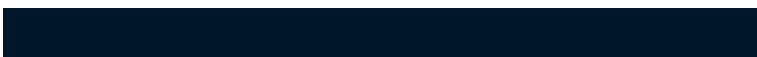
777CD7



60666B



005DAB



00172B

Inverse Universe

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



D777AB



FF75C0



D7D277



6B6066



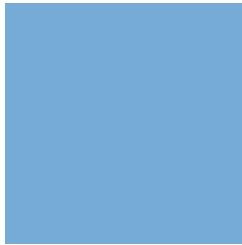
AB005D



2B0017

Previews

White Background



This preview shows how the Hex color 77ABD7 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 77ABD7 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

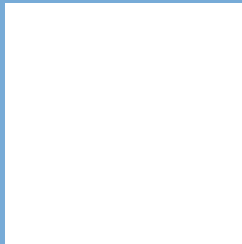
Any Text WCAG AAA ✓ Pass

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

Hex 77ABD7 Background



This preview shows how black text looks on a background with the Hex color 77ABD7.

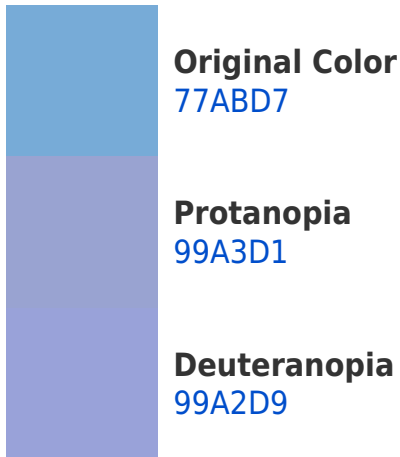


This preview shows how white text looks on a background with the Hex color 77ABD7.

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](#).

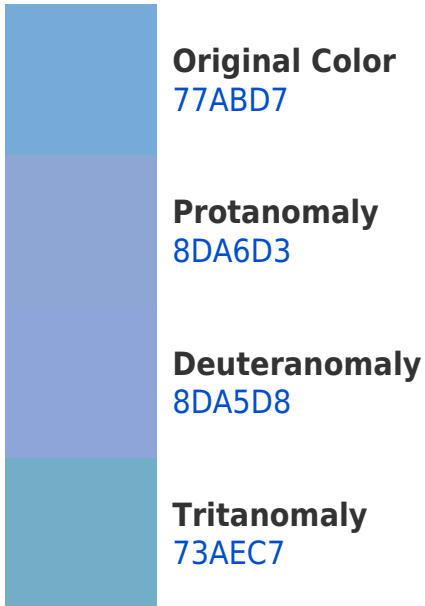
Dichromacy



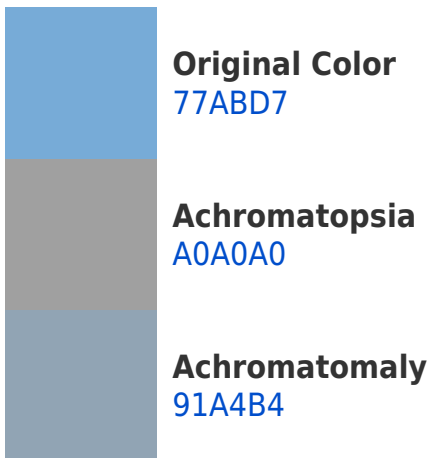


Tritanopia
70AFBE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 77ABD7 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 #77ABD7 looks like.

```
.text, #text, p{  
    color:#77ABD7  
}
```

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 #77ABD7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77ABD7  
}
```

Border

The CSS property to change the border of an element to Hex 77ABD7 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  
#77ABD7 }
```

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

```
.border{ border-color:#77ABD7 }
```

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

Here you see how a box with a 4 pixel #77ABD7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77ABD7; -webkit-box-shadow:4px 4px  
4px 4px #77ABD7; box-shadow:4px 4px 4px  
4px #77ABD7 }
```

Background

The CSS property to change the background color of an element to Hex 77ABD7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77ABD7 }
```

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

```
.background{ background-color:#77ABD7 }
```

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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