

Converting Colors

Hex(77AEC2)

Have a look what the booklet for
Hex(77AEC2) contains.

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Color

Hex(77AEC2)

Conversions

Conversions Part 1

Format	Color
Hex	77AEC2
RGB	119, 174, 194
RGB Percent	47%, 68%, 76%
CMY	0.5333, 0.3176, 0.2392
CMYK	0.39, 0.10, 0.00, 0.24
HSL	196°, 38%, 61%
HSV	196°, 39%, 76%
XYZ	32.4814, 38.0891, 56.6789
YIQ	159.8350, -39.2000, -5.4400

Conversions

Conversions Part 2

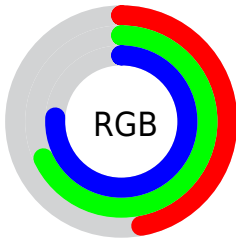
Format	Color
RYB	119, 151, 194
Decimal	7843522
CIELab	68.09, -12.87, -15.91
CIElCh	68, 20.463, 231.030
Yxy	38.0891, 0.2553, 0.2993
Android (android.graphics.Color)	4286033602 (0xFF77AEC2)
YUV	159.8350, 16.8433, -35.8123
Hunter-Lab	61.7164, -14.0588, -11.2492

Details

The Hex color **77AEC2** is a light color, and the websafe version is hex **669999**. A complement of this color would be **C28B77**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **AEE6FB**, and **427A8C** is the 20% darker color. If you saturate the color by 10%, you get **64A9C2**, and if you desaturate by 10%, it is **8AB3C2**.

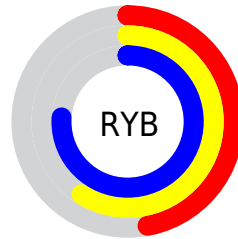
Distribution



Red (47%)

Green (68%)

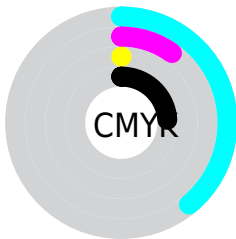
Blue (76%)



Red (47%)

Yellow (59%)

Blue (76%)

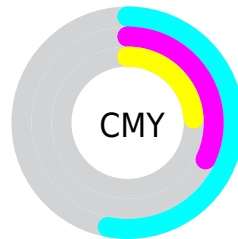


Cyan (39%)

Magenta (10%)

Yellow (0%)

Black (24%)



Cyan (53%)

Magenta (32%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77AEC2 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 77AEC2 by changing the saturation by 10% instead.

 77AEC2

 77AEC2

FFFFFF

 5C93A7

 AEE6FB

 427A8C

 CAFFFF

 266173

 E7FFFF

 00495A

 003243

 001E2D

 000118

 000000

 77AEC2

 77AEC2

■ 64A9C2

■ 8AB3C2

■ 50A4C2

■ 9EB8C2

■ 3D9EC2

■ B1BEC2

■ 2999C2

■ C5C3C2

■ 1694C2

■ D8C8C2

■ 038FC2

■ EBCDC2

■ 008EC2

■ FFD2C2

■ FFD7C2

■ FFDDC2

Harmonies

Analogous

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



73B0B2



77AEC2



89A9CA

Triad

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



77AEC2



C899AC



A6A983

Complementary

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



77AEC2



C28B77

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.



B9A382



77AEC2



CC999A

Square

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



77AEC2



B89DBD



C79D8A



91AE8E

Rectangle

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



77AEC2



9AA5CA



C79D8A



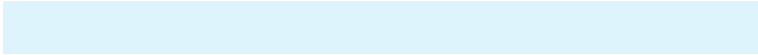
ADA782

Sweetspot

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



77AEC2



DEF4FC



77C28B



6E7B80



000000



808080

Same Dimension

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



77AEC2



88DDFC



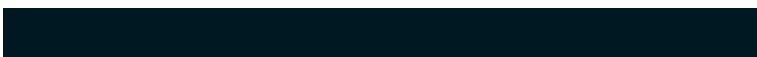
7789C2



575E61



0076A1



001821

Inverse Universe

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



C277AE



FC88DD



C2B177



61575E



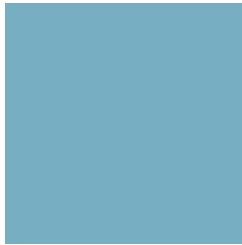
A10076



210018

Previews

White Background



This preview shows how the Hex color 77AEC2 looks on a white background.

Color Contrast Check

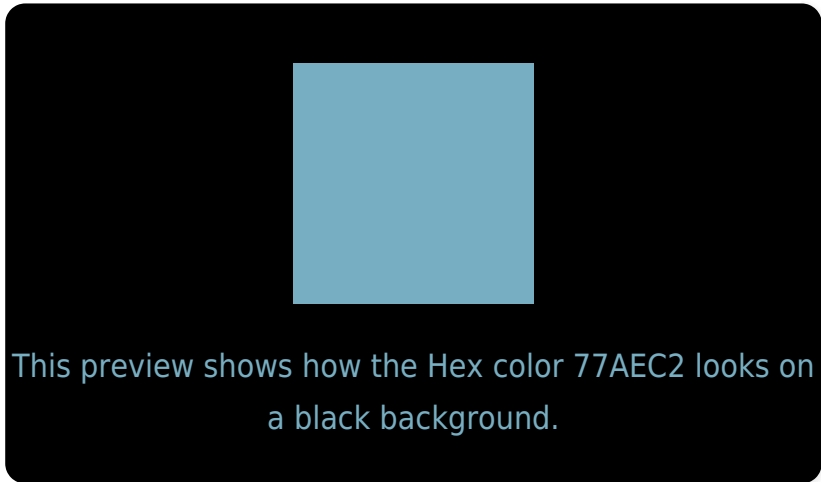
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

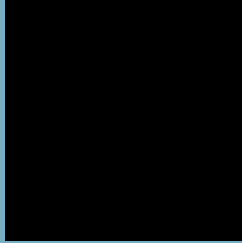
Any Text WCAG AA ✓ Pass

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 77AEC2 Background



This preview shows how black text looks on a background with the Hex color 77AEC2.

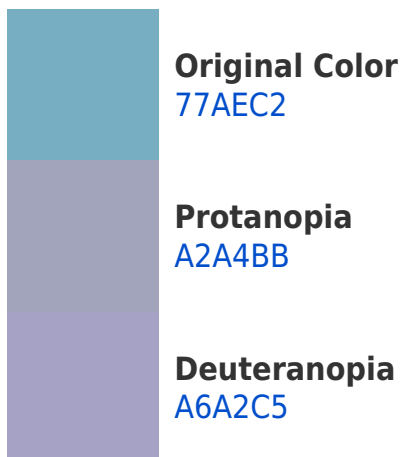


This preview shows how white text looks on a background with the Hex color 77AEC2.

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](#).

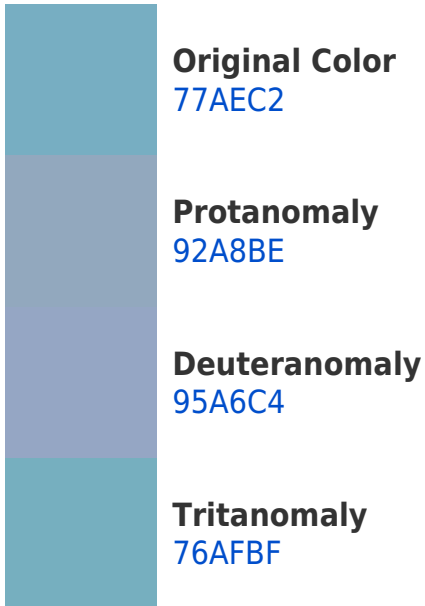
Dichromacy



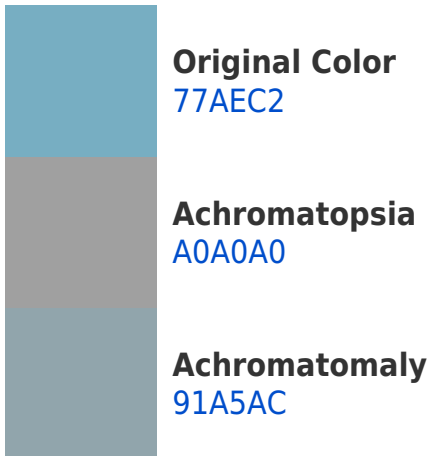


Tritanopia
76AFBD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 77AEC2 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 #77AEC2 looks like.

```
.text, #text, p{  
    color:#77AEC2  
}
```

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 #77AEC2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77AEC2
}
```

Border

The CSS property to change the border of an element to Hex 77AEC2 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
#77AEC2 }
```

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

```
.border{ border-color:#77AEC2 }
```

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

Here you see how a box with a 4 pixel #77AEC2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77AEC2; -webkit-box-shadow:4px 4px  
4px 4px #77AEC2; box-shadow:4px 4px 4px  
4px #77AEC2 }
```

Background

The CSS property to change the background color of an element to Hex 77AEC2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77AEC2 }
```

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

```
.background{ background-color:#77AEC2 }
```

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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