

Converting Colors

Hex(77AEA0)

Have a look what the booklet for
Hex(77AEA0) contains.

Hex(77AEA0)	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(77AEA0)

Conversions

Conversions Part 1

Format	Color
Hex	77AEA0
RGB	119, 174, 160
RGB Percent	47%, 68%, 63%
CMY	0.5333, 0.3176, 0.3725
CMYK	0.32, 0.00, 0.08, 0.32
HSL	165°, 25%, 57%
HSV	165°, 32%, 68%
XYZ	29.0890, 36.7321, 38.8146
YIQ	155.9590, -28.2860, -16.0140

Conversions

Conversions Part 2

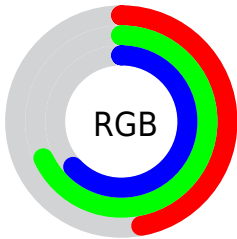
Format	Color
RYB	119, 151, 174
Decimal	7843488
CIELab	67.08, -21.13, 1.42
CIElCh	67, 21.181, 176.147
Yxy	36.7321, 0.2780, 0.3510
Android (android.graphics.Color)	4286033568 (0xFF77AEA0)
YUV	155.9590, 1.9922, -32.4130
Hunter-Lab	60.6070, -20.3894, 4.4538

Details

The Hex color **77AEA0** is a light color, and the websafe version is hex **669999**. A complement of this color would be **AE7785**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **ADE6D7**, and **44796D** is the 20% darker color. If you saturate the color by 10%, you get **66AE9C**, and if you desaturate by 10%, it is **88AEA4**.

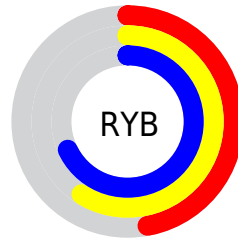
Distribution



Red (47%)

Green (68%)

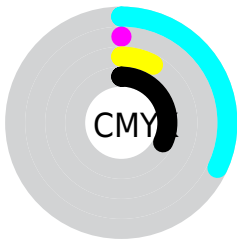
Blue (63%)



Red (47%)

Yellow (59%)

Blue (68%)

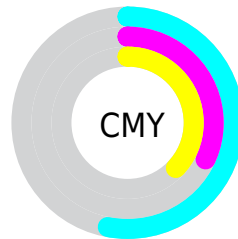


Cyan (32%)

Magenta (0%)

Yellow (8%)

Black (32%)



Cyan (53%)

Magenta (32%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77AEA0 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 77AEA0 by changing the saturation by 10% instead.

■ 77AEA0

■ 77AEA0

FFFFFF

■ 5D9386

■ ADE6D7

■ 44796D

■ C9FFF3

■ 2B6054

■ E5FFFF

■ 0F483D

■ 003128

■ 001E13

■ 000000

■ 77AEA0

■ 77AEA0

■ 66AE9C

■ 88AEA4

■ 54AE97

■ 9AAEA9

■ 43AE93

■ ABAEAD

■ 31AE8E

■ BDAEB2

■ 20AE8A

■ CEAEB6

■ 0FAE85

■ DFAEBB

■ 00AE82

■ F1AEBF

■ FFAEC3

■ FFAEC8

Harmonies

Analogous

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



8AAC8E



77AEA0



6EAEB3

Triad

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



77AEA0



A39FC5



C39B84

Complementary

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



77AEA0



AE7785

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.



CA9793



77AEA0



BA99B9

Square

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



77AEA0



89A6C9



C796A6



B4A17D

Rectangle

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



77AEA0



70ACBE



C796A6



C79989

Sweetspot

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



77AEA0



CFE3DE



86AE77



667370



F2F2F2



737373

Same Dimension

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



77AEA0



8DE3CD



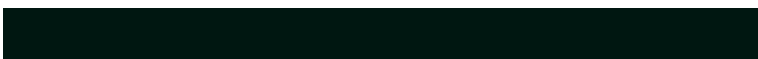
77A1AE



4E5754



009670



001711

Inverse Universe

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



AE7785



E38DA3



AE8477



574E50



960026



170006

Previews

White Background



This preview shows how the Hex color 77AEA0 looks on a white background.

Color Contrast Check

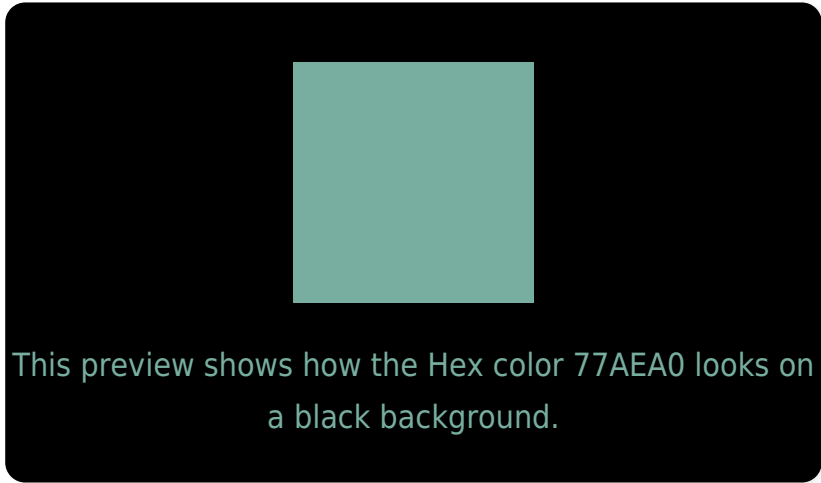
Large Text (above 18pt) WCAG AA × Fail

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

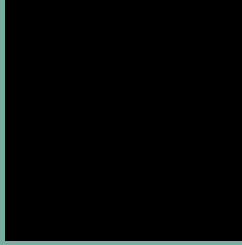
Any Text WCAG AA ✓ Pass

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 77AEA0 Background



This preview shows how black text looks on a background with the Hex color 77AEA0.

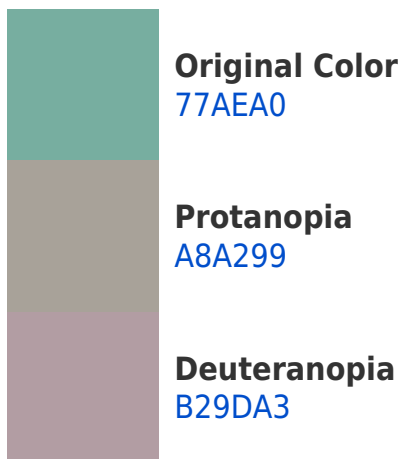


This preview shows how white text looks on a background with the Hex color 77AEA0.

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



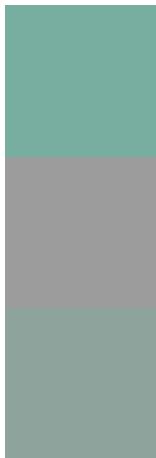
Original Color
77AEA0

Protanomaly
96A69C

Deuteranomaly
9DA3A2

Tritanomaly
7AABAF

Monochromacy



Original Color
77AEA0

Achromatopsia
9C9C9C

Achromatomaly
8FA39D

CSS Examples

Text

The CSS property to change the color of the text to Hex 77AEA0 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 #77AEA0 looks like.

```
.text, #text, p{  
    color:#77AEA0  
}
```

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 #77AEA0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77AEA0
}
```

Border

The CSS property to change the border of an element to Hex 77AEA0 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
#77AEA0 }
```

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

```
.border{ border-color:#77AEA0 }
```

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

Here you see how a box with a 4 pixel #77AEA0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77AEA0; -webkit-box-shadow:4px 4px  
4px 4px #77AEA0; box-shadow:4px 4px 4px  
4px #77AEA0 }
```

Background

The CSS property to change the background color of an element to Hex 77AEA0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77AEA0 }
```

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

```
.background{ background-color:#77AEA0 }
```

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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