

Converting Colors

Hex(67A7B4)

Have a look what the booklet for
Hex(67A7B4) contains.

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Color

Hex(67A7B4)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 67A7B4 |
| RGB | 103, 167, 180 |
| RGB Percent | 40%, 65%, 71% |
| CMY | 0.5961, 0.3451, 0.2941 |
| CMYK | 0.43, 0.07, 0.00, 0.29 |
| HSL | 190°, 34%, 55% |
| HSV | 190°, 43%, 71% |
| XYZ | 27.6505, 33.8163, 48.2499 |
| YIQ | 149.3460, -42.3170, -9.5250 |

Conversions

Conversions Part 2

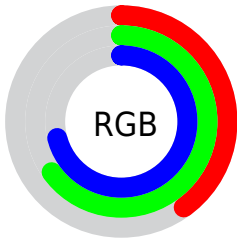
| Format | Color |
|-------------------------------------|---|
| RYB | 103, 138, 180 |
| Decimal | 6793140 |
| CIELab | 64.82, -17.04, -13.14 |
| CIElCh | 65, 21.521, 217.629 |
| Yxy | 33.8163, 0.2520, 0.3082 |
| Android (android.graphics.Color) | 4284983220 (0xFF67A7B4) |
| YUV | 149.3460, 15.1124, -40.6454 |
| Hunter-Lab | 58.1518, -16.8910, -8.4881 |

Details

The Hex color **67A7B4** is a light color, and the websafe version is hex **669999**. A complement of this color would be **B47467**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **9EDEEC**, and **30737F** is the 20% darker color. If you saturate the color by 10%, you get **55A4B4**, and if you desaturate by 10%, it is **79AAB4**.

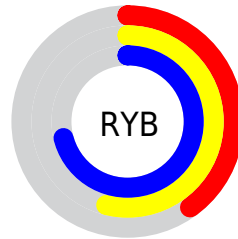
Distribution



Red (40%)

Green (65%)

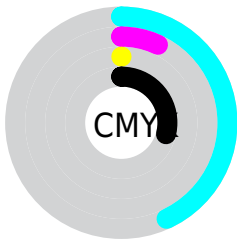
Blue (71%)



Red (40%)

Yellow (54%)

Blue (71%)

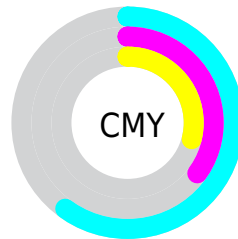


Cyan (43%)

Magenta (7%)

Yellow (0%)

Black (29%)



Cyan (60%)

Magenta (35%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67A7B4 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 67A7B4 by changing the saturation by 10% instead.



67A7B4



67A7B4

FFFFFF



4C8D99



9EDEEC



30737F



BAFBFF



0E5A66



D6FFFF



00434E



F4FFFF



002C37



001922



00000A



000000



67A7B4



67A7B4

■ 55A4B4

■ 79AAB4

■ 43A1B4

■ 8BADB4

■ 319EB4

■ 9DB0B4

■ 1F9BB4

■ AFB3B4

■ 0D98B4

■ C1B6B4

■ 0096B4

■ D3B9B4

■ E5BCB4

■ F7BFB4

■ FFC2B4

Harmonies

Analogous

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



6BA8A2



67A7B4



74A3C0

Triad

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



67A7B4



BA91AC



A79E77

Complementary

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



67A7B4



B47467

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.



B8977A



67A7B4



C48F99

Square

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



67A7B4



A797BC



C39287



91A37E

Rectangle

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



67A7B4



849FC3



C39287



AD9B77

Sweetspot

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



67A7B4



CCE5EB



67B474



637275



F5F5F5



757575

Same Dimension

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



67A7B4



73D6EB



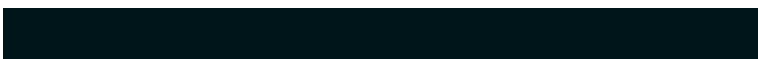
6781B4



505859



007F99



00151A

Inverse Universe

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



B467A7



EB73D6



B49A67



595058



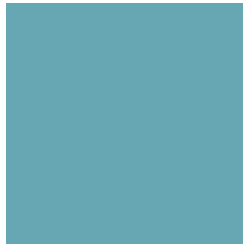
99007F



1A0015

Previews

White Background



This preview shows how the Hex color 67A7B4 looks on a white background.

Color Contrast Check

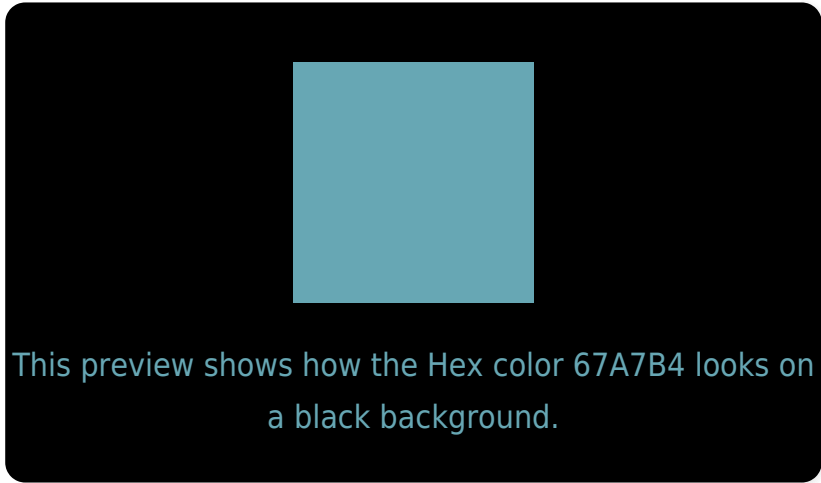
Large Text (above 18pt) WCAG AA × Fail

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

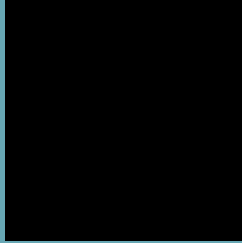
Any Text WCAG AA ✓ Pass

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 67A7B4 Background



This preview shows how black text looks on a background with the Hex color 67A7B4.

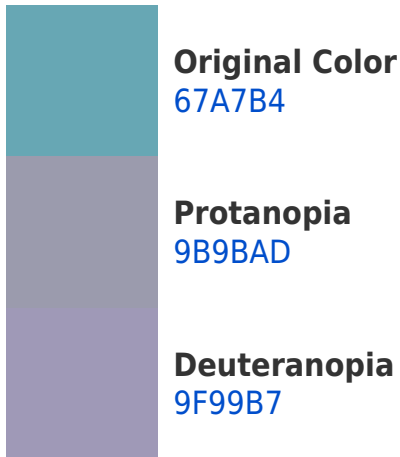


This preview shows how white text looks on a background with the Hex color 67A7B4.

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](#).

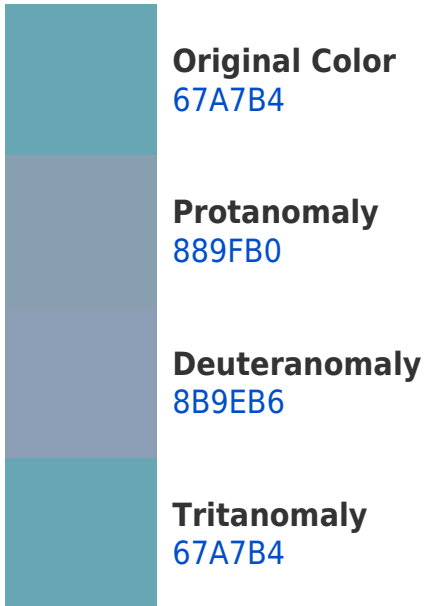
Dichromacy



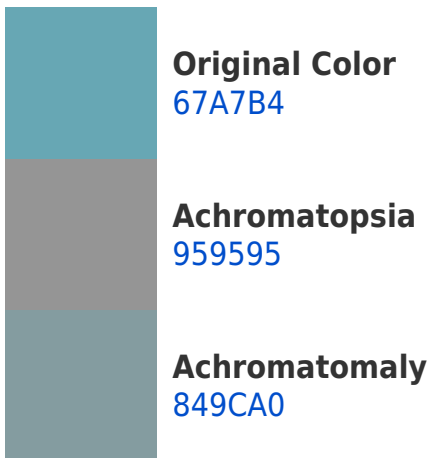


Tritanopia
67A7B4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 67A7B4 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 #67A7B4 looks like.

```
.text, #text, p{  
    color:#67A7B4  
}
```

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 #67A7B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67A7B4
}
```

Border

The CSS property to change the border of an element to Hex 67A7B4 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
#67A7B4 }
```

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

```
.border{ border-color:#67A7B4 }
```

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

Here you see how a box with a 4 pixel #67A7B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67A7B4; -webkit-box-shadow:4px 4px  
4px 4px #67A7B4; box-shadow:4px 4px 4px  
4px #67A7B4 }
```

Background

The CSS property to change the background color of an element to Hex 67A7B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67A7B4 }
```

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

```
.background{ background-color:#67A7B4 }
```

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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