

Converting Colors

Hex(67B4B0)

Have a look what the booklet for
Hex(67B4B0) contains.

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Color

Hex(67B4B0)

Conversions

Conversions Part 1

Format	Color
Hex	67B4B0
RGB	103, 180, 176
RGB Percent	40%, 71%, 69%
CMY	0.5961, 0.2941, 0.3098
CMYK	0.43, 0.00, 0.02, 0.29
HSL	177°, 34%, 55%
HSV	177°, 43%, 71%
XYZ	29.7512, 38.6607, 46.9685
YIQ	156.5210, -44.6080, -17.5680

Conversions

Conversions Part 2

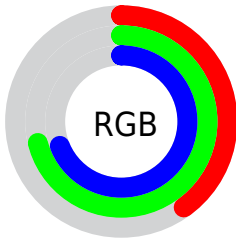
Format	Color
RYB	103, 143, 180
Decimal	6796464
CIELab	68.50, -24.76, -5.42
CIELCh	69, 25.342, 192.347
Yxy	38.6607, 0.2579, 0.3351
Android (android.graphics.Color)	4284986544 (0xFF67B4B0)
YUV	156.5210, 9.6031, -46.9379
Hunter-Lab	62.1777, -23.4010, -1.2628

Details

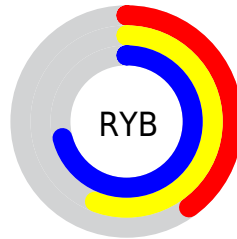
The Hex color **67B4B0** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **B4676B**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **9EECE8**, and **2F7F7C** is the 20% darker color. If you saturate the color by 10%, you get **55B4AF**, and if you desaturate by 10%, it is **79B4B1**.

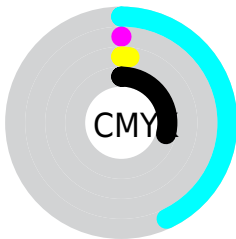
Distribution



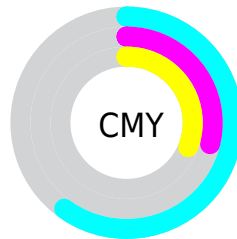
- Red (40%)
- Green (71%)
- Blue (69%)



- Red (40%)
- Yellow (56%)
- Blue (71%)



- Cyan (43%)
- Magenta (0%)
- Yellow (2%)
- Black (29%)



- Cyan (60%)
- Magenta (29%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67B4B0 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 67B4B0 by changing the saturation by 10% instead.

 67B4B0

 67B4B0

FFFFFF

 4C9995

 9EECE8

 2F7F7C

 BAAAAF

 096663

 D7FFFF

 004D4B

 F5FFFF

 003634

 00211F

 000007

 000000

 67B4B0

 67B4B0

■ 55B4AF

■ 79B4B1

■ 43B4AE

■ 8BB4B2

■ 31B4AD

■ 9DB4B3

■ 1FB4AC

■ AFB4B4

■ 0DB4AB

■ C1B4B5

■ 00B4AB

■ D3B4B6

■ E5B4B7

■ F7B4B7

■ FFB4B8

Harmonies

Analogous

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



7BB398



67B4B0



65B2C5

Triad

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



67B4B0



B69EC9



C4A17C

Complementary

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



67B4B0



B4676B

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.



D29A89



67B4B0



CC98B6

Square

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



67B4B0



98A6D4



D5969E



AEA97A

Rectangle

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



67B4B0



70AFCF



D5969E



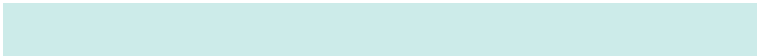
CA9E7F

Sweetspot

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



67B4B0



CCEBE9



6CB467



637574



F5F5F5



757575

Same Dimension

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



67B4B0



73EBE4



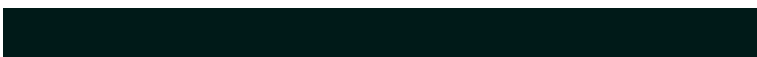
6793B4



505959



009991



001A18

Inverse Universe

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



B4676B



EB7379



B48867



595051



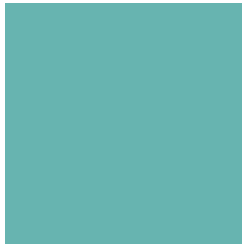
990008



1A0001

Previews

White Background



This preview shows how the Hex color 67B4B0 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 67B4B0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

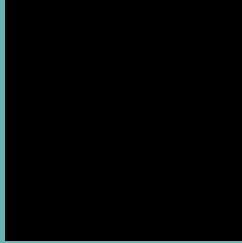
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

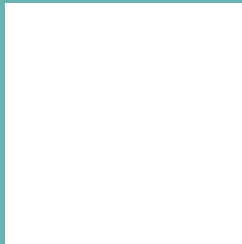
Any Text WCAG AAA ✓ Pass

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

Hex 67B4B0 Background



This preview shows how black text looks on a background with the Hex color 67B4B0.

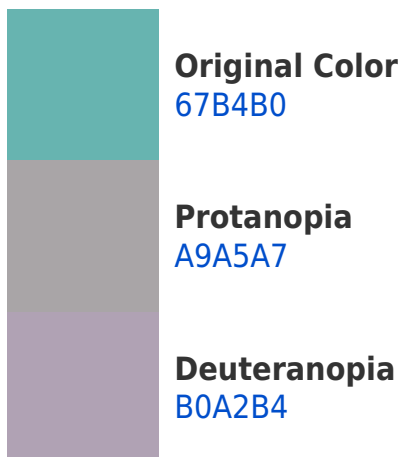


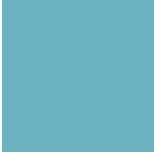
This preview shows how white text looks on a background with the Hex color 67B4B0.

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](#).

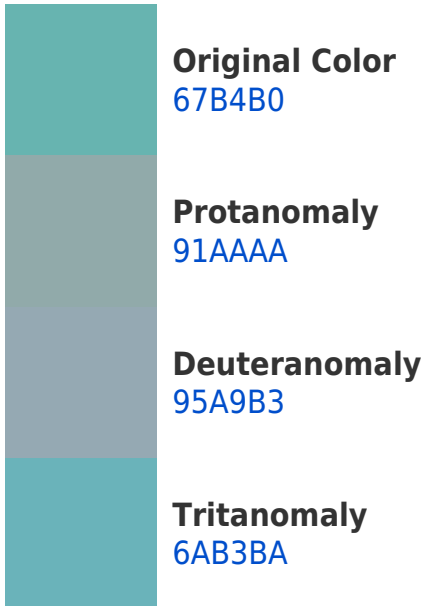
Dichromacy



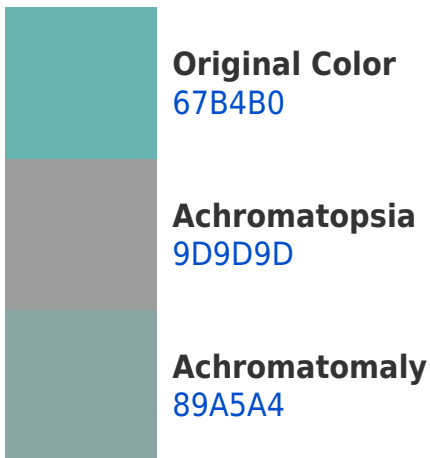


Tritanopia
6CB2C0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 67B4B0 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 #67B4B0 looks like.

```
.text, #text, p{  
    color:#67B4B0  
}
```

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 #67B4B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67B4B0
}
```

Border

The CSS property to change the border of an element to Hex 67B4B0 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
#67B4B0 }
```

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

```
.border{ border-color:#67B4B0 }
```

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

Here you see how a box with a 4 pixel #67B4B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67B4B0; -webkit-box-shadow:4px 4px  
4px 4px #67B4B0; box-shadow:4px 4px 4px  
4px #67B4B0 }
```

Background

The CSS property to change the background color of an element to Hex 67B4B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67B4B0 }
```

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

```
.background{ background-color:#67B4B0 }
```

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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