

Converting Colors

Hex(67B0BA)

Have a look what the booklet for
Hex(67B0BA) contains.

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Color

Hex(67B0BA)

Conversions

Conversions Part 1

Format	Color
Hex	67B0BA
RGB	103, 176, 186
RGB Percent	40%, 69%, 73%
CMY	0.5961, 0.3098, 0.2706
CMYK	0.45, 0.05, 0.00, 0.27
HSL	187°, 38%, 57%
HSV	187°, 45%, 73%
XYZ	29.9818, 37.4794, 52.1084
YIQ	155.3130, -46.7180, -12.3660

Conversions

Conversions Part 2

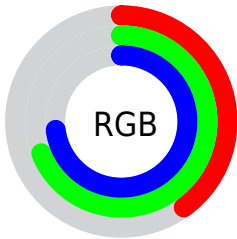
Format	Color
R _Y B	103, 142, 186
Decimal	6795450
CIE Lab	67.64, -20.13, -12.24
CIE LCh	68, 23.562, 211.300
Yxy	37.4794, 0.2507, 0.3135
Android (android.graphics.Color)	4284985530 (0xFF67B0BA)
YUV	155.3130, 15.1287, -45.8785
Hunter-Lab	61.2204, -19.7181, -7.6110

Details

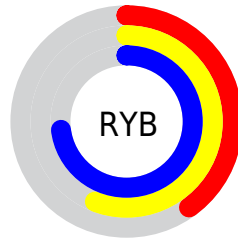
The Hex color **67B0BA** is a light color, and the websafe version is hex **669999**. A complement of this color would be **BA7167**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **9EE8F2**, and **2E7B85** is the 20% darker color. If you saturate the color by 10%, you get **54AEBA**, and if you desaturate by 10%, it is **7AB2BA**.

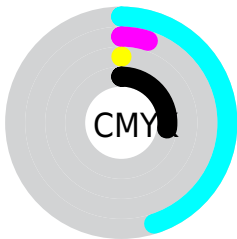
Distribution



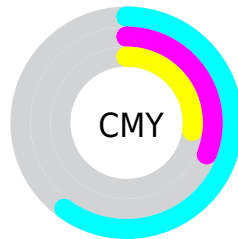
- Red (40%)
- Green (69%)
- Blue (73%)



- Red (40%)
- Yellow (56%)
- Blue (73%)



- Cyan (45%)
- Magenta (5%)
- Yellow (0%)
- Black (27%)



- Cyan (60%)
- Magenta (31%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67B0BA 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 67B0BA by changing the saturation by 10% instead.

 67B0BA

 67B0BA

FFFFFF

 4B959F

 9EE8F2

 2E7B85

 BBFFFF

 06626C

 D8FFFF

 004A53

 F5FFFF

 00333C

 001F27

 000112

 000000

 67B0BA

 67B0BA

■ 54AEBA

■ 7AB2BA

■ 42ACBA

■ 8CB4BA

■ 2FA9BA

■ 9FB7BA

■ 1DA7BA

■ B1B9BA

■ 0AA5BA

■ C4BBBA

■ 00A4BA

■ D7BDBA

■ E9C0BA

■ FCC2BA

■ FFC4BA

Harmonies

Analogous

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



70B1A5



67B0BA



72ACC9

Triad

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



67B0BA



C199B9



B4A47A

Complementary

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



67B0BA



BA7167

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.



C69D80



67B0BA



CE95A5

Square

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



67B0BA



A99FC9



CF9790



9DAA80

Rectangle

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



67B0BA



83A9CE



CF9790



BAA17B

Sweetspot

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



67B0BA



D3EEF2



67BA71



67787A



FAFAFA



7A7A7A

Same Dimension

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



67B0BA



6FE2F2



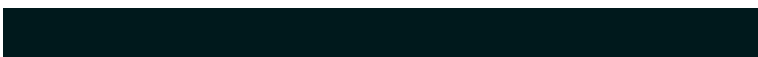
6787BA



535B5C



00899C



00191C

Inverse Universe

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



BA67B0



F26FE2



BA9A67



5C535B



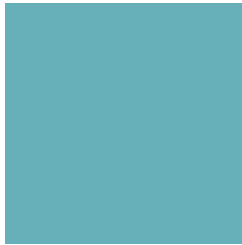
9C0089



1C0019

Previews

White Background



This preview shows how the Hex color 67B0BA looks on a white background.

Color Contrast Check

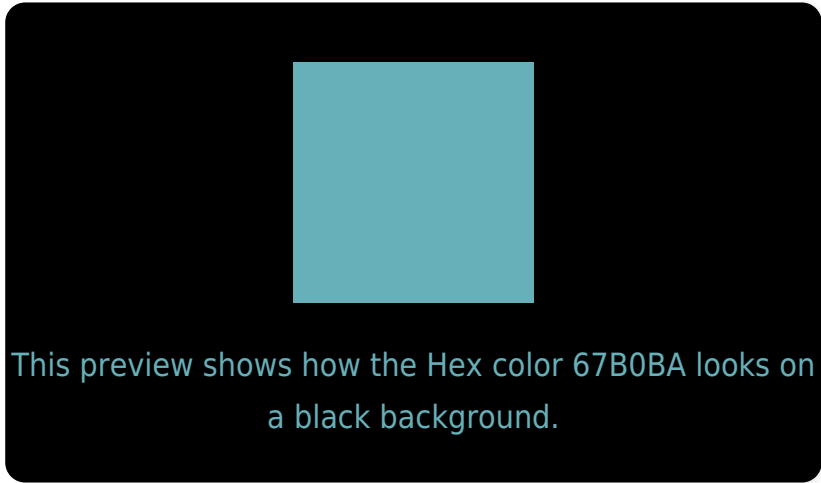
Large Text (above 18pt) WCAG AA × Fail

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

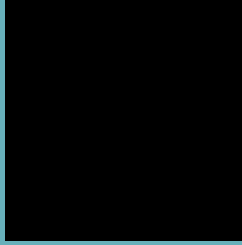
Any Text WCAG AA ✓ Pass

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 67B0BA Background



This preview shows how black text looks on a background with the Hex color 67B0BA.

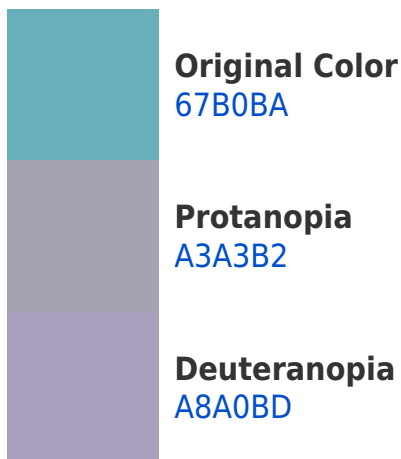


This preview shows how white text looks on a background with the Hex color 67B0BA.

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](#).

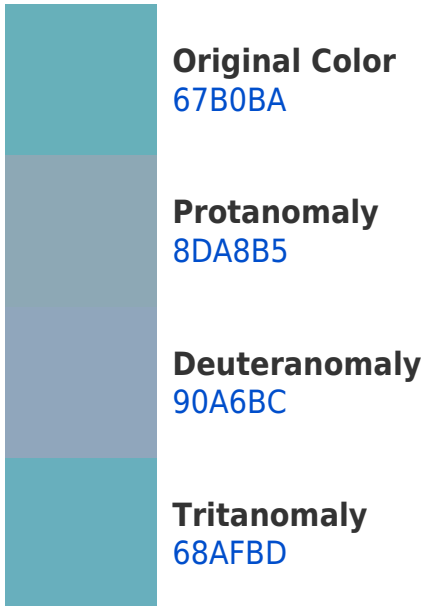
Dichromacy



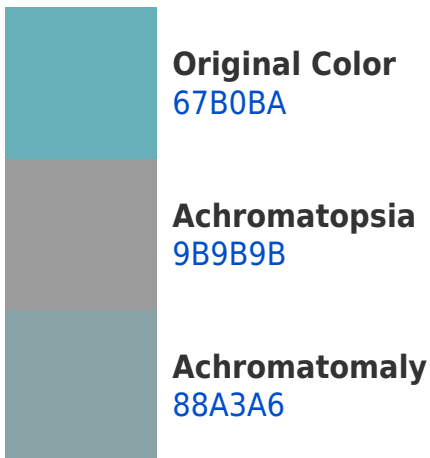


Tritanopia
68AFBE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 67B0BA 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 #67B0BA looks like.

```
.text, #text, p{  
    color:#67B0BA  
}
```

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 #67B0BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67B0BA
}
```

Border

The CSS property to change the border of an element to Hex 67B0BA 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
#67B0BA }
```

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

```
.border{ border-color:#67B0BA }
```

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

Here you see how a box with a 4 pixel #67B0BA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67B0BA; -webkit-box-shadow:4px 4px  
4px 4px #67B0BA; box-shadow:4px 4px 4px  
4px #67B0BA }
```

Background

The CSS property to change the background color of an element to Hex 67B0BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67B0BA }
```

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

```
.background{ background-color:#67B0BA }
```

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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