

Converting Colors

Hex(67B1A6)

Have a look what the booklet for
Hex(67B1A6) contains.

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Color

Hex(67B1A6)

Conversions

Conversions Part 1

Format	Color
Hex	67B1A6
RGB	103, 177, 166
RGB Percent	40%, 69%, 65%
CMY	0.5961, 0.3059, 0.3490
CMYK	0.42, 0.00, 0.06, 0.31
HSL	171°, 32%, 55%
HSV	171°, 42%, 69%
XYZ	28.1986, 37.0810, 41.7475
YIQ	153.6200, -40.5730, -19.1090

Conversions

Conversions Part 2

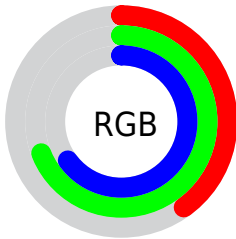
Format	Color
RYB	103, 143, 177
Decimal	6795686
CIELab	67.34, -25.74, -1.61
CIELCh	67, 25.787, 183.580
Yxy	37.0810, 0.2635, 0.3465
Android (android.graphics.Color)	4284985766 (0xFF67B1A6)
YUV	153.6200, 6.1033, -44.3937
Hunter-Lab	60.8942, -23.9059, 1.9782

Details

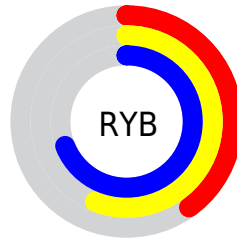
The Hex color **67B1A6** is a light color, and the websafe version is hex **339999**. A complement of this color would be **B16772**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **9EE9DD**, and **307C72** is the 20% darker color. If you saturate the color by 10%, you get **55B1A3**, and if you desaturate by 10%, it is **79B1A9**.

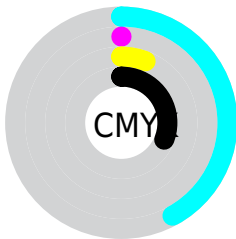
Distribution



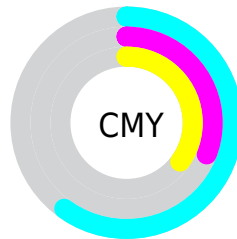
- Red (40%)
- Green (69%)
- Blue (65%)



- Red (40%)
- Yellow (56%)
- Blue (69%)



- Cyan (42%)
- Magenta (0%)
- Yellow (6%)
- Black (31%)



- Cyan (60%)
- Magenta (31%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67B1A6 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 67B1A6 by changing the saturation by 10% instead.



67B1A6



67B1A6

FFFFFF



4C968C



9EE9DD



307C72



BAFFFA



0F635A



D6FFFF



004B42



F4FFFF



00332C



002018



000000



67B1A6



67B1A6



55B1A3



79B1A9

■ 44B1A1

■ 8AB1AB

■ 32B19E

■ 9CB1AE

■ 20B19B

■ AEB1B1

■ 0EB199

■ C0B1B3

■ 00B197

■ D1B1B6

■ E3B1B8

■ F5B1BB

■ FFB1BE

Harmonies

Analogous

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



7EAF8F



67B1A6



5EB0BD

Triad

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



67B1A6



AB9DCB



C69C7B

Complementary

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



67B1A6



B16772

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.



D2958B



67B1A6



C496B9

Square

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



67B1A6



8BA5D2



D193A2



B2A376

Rectangle

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



67B1A6



65AEC9



D193A2



CB997F

Sweetspot

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



67B1A6



C8E6E1



72B167



607370



F2F2F2



737373

Same Dimension

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



67B1A6



73E6D4



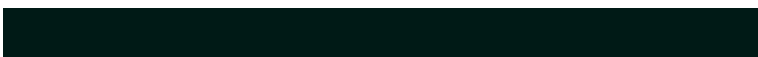
6797B1



505958



009982



001A16

Inverse Universe

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



B16772



E67384



B18167



595052



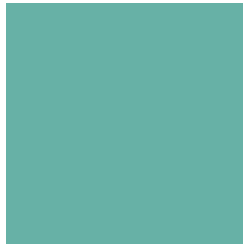
990017



1A0004

Previews

White Background



This preview shows how the Hex color 67B1A6 looks on a white background.

Color Contrast Check

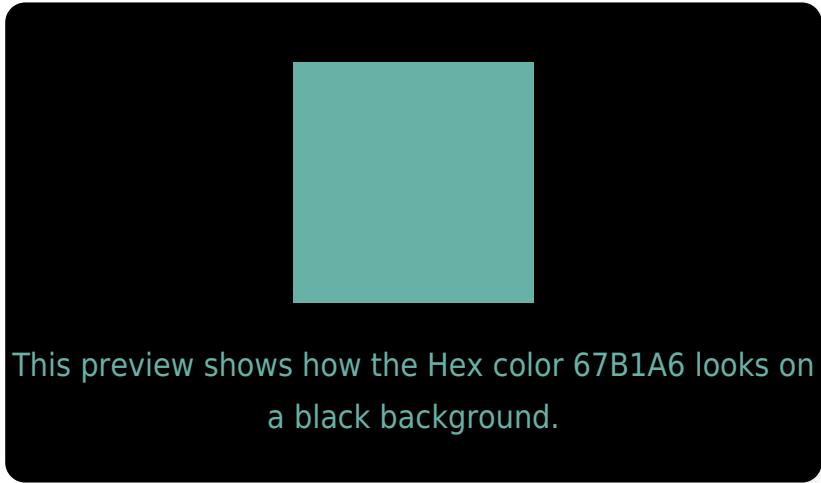
Large Text (above 18pt) WCAG AA × Fail

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

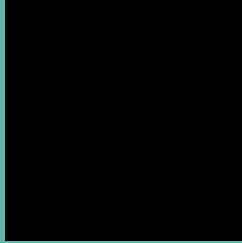
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

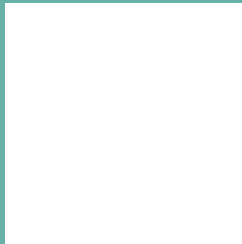
Any Text WCAG AAA ✓ Pass

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

Hex 67B1A6 Background



This preview shows how black text looks on a background with the Hex color 67B1A6.

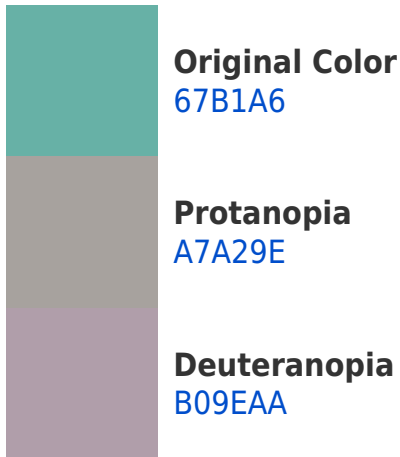


This preview shows how white text looks on a background with the Hex color 67B1A6.

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



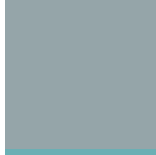
Trichromacy



Original Color
67B1A6



Protanomaly
90A7A1



Deuteranomaly
95A5A9



Tritanomaly
6BAFB4

Monochromacy



Original Color
67B1A6



Achromatopsia
9A9A9A



Achromatomaly
87A29E

CSS Examples

Text

The CSS property to change the color of the text to Hex 67B1A6 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 #67B1A6 looks like.

```
.text, #text, p{  
    color:#67B1A6  
}
```

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 #67B1A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67B1A6
}
```

Border

The CSS property to change the border of an element to Hex 67B1A6 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
#67B1A6 }
```

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

```
.border{ border-color:#67B1A6 }
```

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

Here you see how a box with a 4 pixel #67B1A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67B1A6; -webkit-box-shadow:4px 4px  
4px 4px #67B1A6; box-shadow:4px 4px 4px  
4px #67B1A6 }
```

Background

The CSS property to change the background color of an element to Hex 67B1A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67B1A6 }
```

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

```
.background{ background-color:#67B1A6 }
```

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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