

Converting Colors

Hex(67B6AA)

Have a look what the booklet for
Hex(67B6AA) contains.

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Color

Hex(67B6AA)

Conversions

Conversions Part 1

Format	Color
Hex	67B6AA
RGB	103, 182, 170
RGB Percent	40%, 71%, 67%
CMY	0.5961, 0.2863, 0.3333
CMYK	0.43, 0.00, 0.07, 0.29
HSL	171°, 35%, 56%
HSV	171°, 43%, 71%
XYZ	29.5772, 39.2417, 44.0457
YIQ	157.0110, -43.2320, -20.4800

Conversions

Conversions Part 2

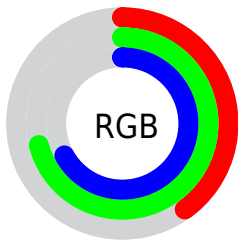
Format	Color
RYB	103, 146, 182
Decimal	6796970
CIELab	68.93, -27.23, -1.49
CIELCh	69, 27.276, 183.133
Yxy	39.2417, 0.2621, 0.3477
Android (android.graphics.Color)	4284987050 (0xFF67B6AA)
YUV	157.0110, 6.4036, -47.3676
Hunter-Lab	62.6432, -25.3464, 2.1622

Details

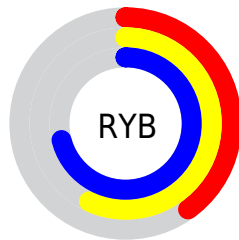
The Hex color **67B6AA** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **B66773**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **9EEEE1**, and **2F8176** is the 20% darker color. If you saturate the color by 10%, you get **55B6A7**, and if you desaturate by 10%, it is **79B6AD**.

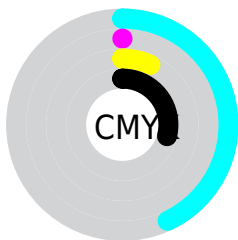
Distribution



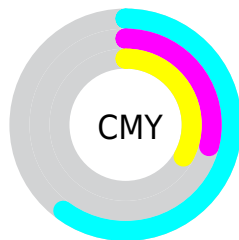
- Red (40%)
- Green (71%)
- Blue (67%)



- Red (40%)
- Yellow (57%)
- Blue (71%)



- Cyan (43%)
- Magenta (0%)
- Yellow (7%)
- Black (29%)



- Cyan (60%)
- Magenta (29%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67B6AA 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 67B6AA by changing the saturation by 10% instead.

 67B6AA

 67B6AA

FFFFFF

 4C9B90

 9EEEE1

 2F8176

 BAFFFE

 0A675D

 D7FFFF

 004F46

 F4FFFF

 003730

 00231B

 000000

 67B6AA

 67B6AA

 55B6A7

 79B6AD

 43B6A4

 8BB6B0

 30B6A2

 9EB6B2

 1EB69F

 B0B6B5

 0CB69C

 C2B6B8

 00B69A

 D4B6BB

 E6B6BD

 F9B6C0

 FFB6C3

Harmonies

Analogous

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



80B491



67B6AA



5CB5C2

Triad

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



67B6AA



AFA1D1



CD9F7D

Complementary

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



67B6AA



B66773

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.



D9988E



67B6AA



CA99BF

Square

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



67B6AA



8DAAD9



D896A6



B7A777

Rectangle

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



67B6AA



64B2CF



D896A6



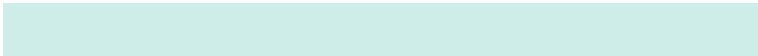
D29D82

Sweetspot

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



67B6AA



CEEDE8



74B667



657875



F7F7F7



787878

Same Dimension

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



67B6AA



72EDDA



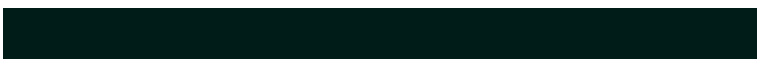
679CB6



535C5A



009C84



001C18

Inverse Universe

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



B66773



ED7285



B68167



5C5354



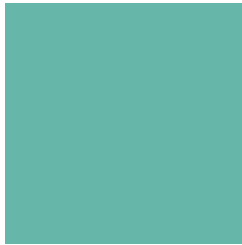
9C0018



1C0004

Previews

White Background



This preview shows how the Hex color 67B6AA looks on a white background.

Color Contrast Check

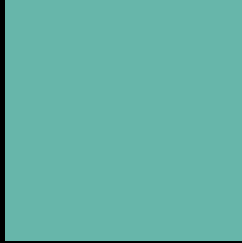
Large Text (above 18pt) WCAG AA × Fail

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 67B6AA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

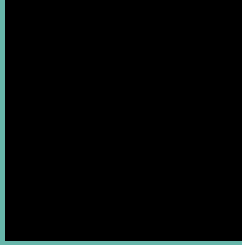
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

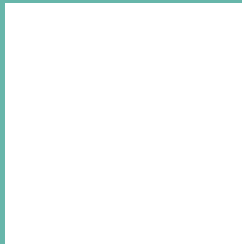
Any Text WCAG AAA ✓ Pass

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

Hex 67B6AA Background



This preview shows how black text looks on a background with the Hex color 67B6AA.

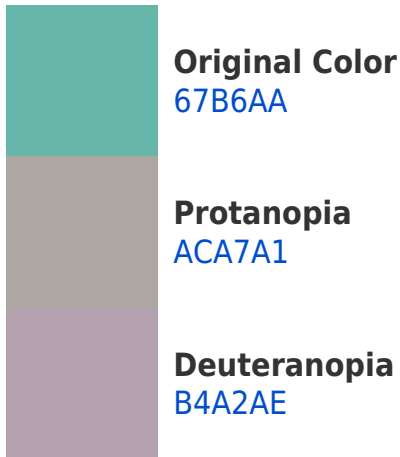


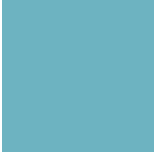
This preview shows how white text looks on a background with the Hex color 67B6AA.

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](#).

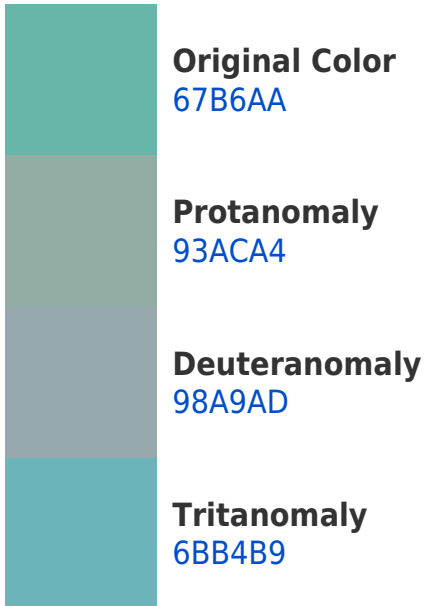
Dichromacy



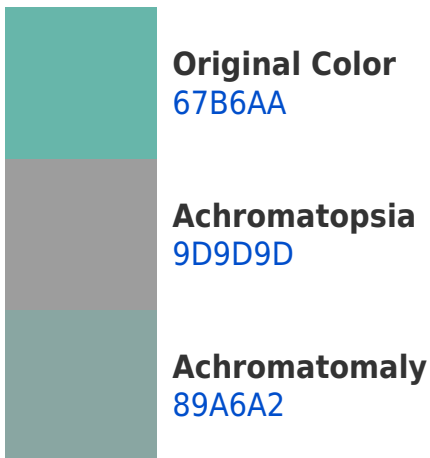


Tritanopia
6DB3C1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 67B6AA 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 #67B6AA looks like.

```
.text, #text, p{  
    color:#67B6AA  
}
```

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 #67B6AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67B6AA
}
```

Border

The CSS property to change the border of an element to Hex 67B6AA 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
#67B6AA }
```

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

```
.border{ border-color:#67B6AA }
```

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

Here you see how a box with a 4 pixel #67B6AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67B6AA; -webkit-box-shadow:4px 4px  
4px 4px #67B6AA; box-shadow:4px 4px 4px  
4px #67B6AA }
```

Background

The CSS property to change the background color of an element to Hex 67B6AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67B6AA }
```

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

```
.background{ background-color:#67B6AA }
```

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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