

Converting Colors

Hex(66BBAD)

Have a look what the booklet for
Hex(66BBAD) contains.

Hex(66BBAD)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(66BBAD)

Conversions

Conversions Part 1

Format	Color
Hex	66BBAD
RGB	102, 187, 173
RGB Percent	40%, 73%, 68%
CMY	0.6000, 0.2667, 0.3216
CMYK	0.45, 0.00, 0.07, 0.27
HSL	170°, 38%, 57%
HSV	170°, 45%, 73%
XYZ	30.7926, 41.3826, 45.8999
YIQ	159.9890, -46.1660, -22.3740

Conversions

Conversions Part 2

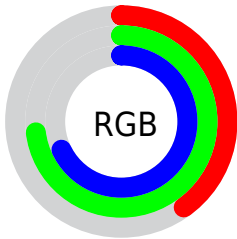
Format	Color
RYB	102, 148, 187
Decimal	6732717
CIELab	70.44, -29.20, -0.92
CIELCh	70, 29.210, 181.809
Yxy	41.3826, 0.2608, 0.3505
Android (android.graphics.Color)	4284922797 (0xFF66BBAD)
YUV	159.9890, 6.4144, -50.8564
Hunter-Lab	64.3293, -27.1332, 2.7262

Details

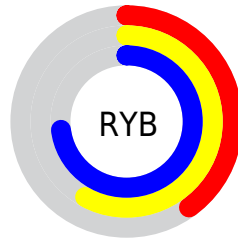
The Hex color **66BBAD** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **BB6674**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **9EF4E4**, and **2D8579** is the 20% darker color. If you saturate the color by 10%, you get **53BBAA**, and if you desaturate by 10%, it is **79BBB0**.

Distribution



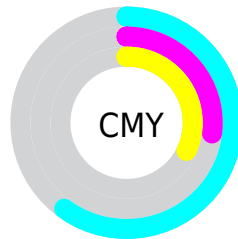
- Red (40%)
- Green (73%)
- Blue (68%)



- Red (40%)
- Yellow (58%)
- Blue (73%)



- Cyan (45%)
- Magenta (0%)
- Yellow (7%)
- Black (27%)



- Cyan (60%)
- Magenta (27%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66BBAD 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 66BBAD by changing the saturation by 10% instead.

 66BBAD

 66BBAD


FFFFFF

 4AA092

 9EF4E4

 2D8579

 BAFFFF

 016C60

 D7FFFF

 005348

 F4FFFF

 003B32

 00261D

 000304

 000000

 66BBAD

 66BBAD

■ 53BBAA

■ 79BBB0

■ 41BBA7

■ 8BBBB3

■ 2EBBA4

■ 9EBBB6

■ 1BBBA1

■ B1BBB9

■ 09BB9E

■ C4BBBC

■ 00BB9C

■ D6BBBF

■ E9BBC3

■ FCBBC6

■ FFBBC9

Harmonies

Analogous

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



82B992



66BBAD



58BAC7

Triad

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



66BBAD



B2A5D9



D4A27E

Complementary

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



66BBAD



BB6674

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.



E09B92



66BBAD



D09DC6

Square

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



66BBAD



8CAEE1



E099AC



BEAB77

Rectangle

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



66BBAD



60B8D5



E099AC



D99F84

Sweetspot

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



66BBAD



D0F2ED



74BB66



667A77



FAFAFA



7A7A7A

Same Dimension

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



66BBAD



6DF2DC



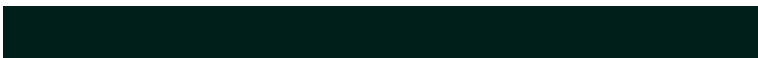
669FBB



555E5D



009E84



001F1A

Inverse Universe

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



BB6674



F26D83



BB8266



5E5556



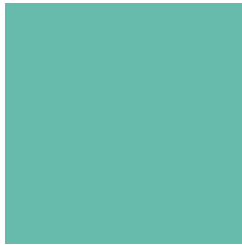
9E001A



1F0005

Previews

White Background



This preview shows how the Hex color 66BBAD 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 66BBAD 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 66BBAD Background



This preview shows how black text looks on a background with the Hex color 66BBAD.

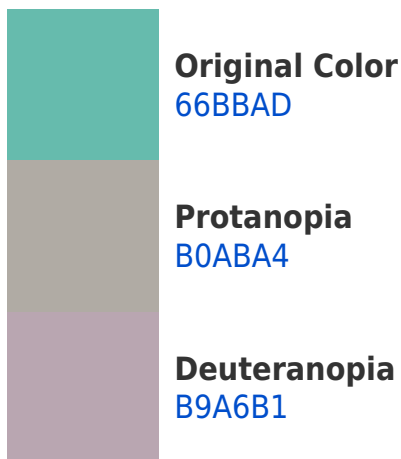


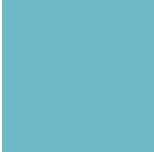
This preview shows how white text looks on a background with the Hex color 66BBAD.

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](#).

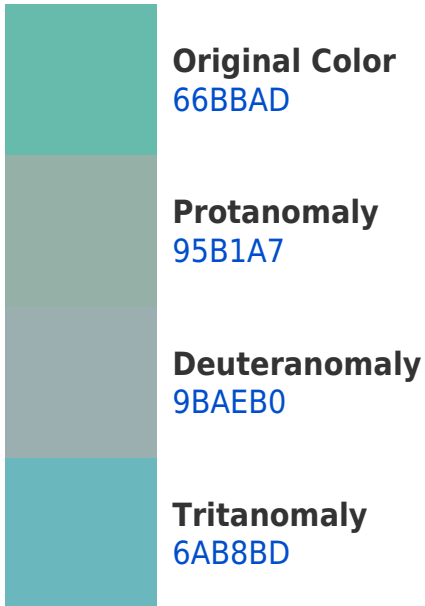
Dichromacy



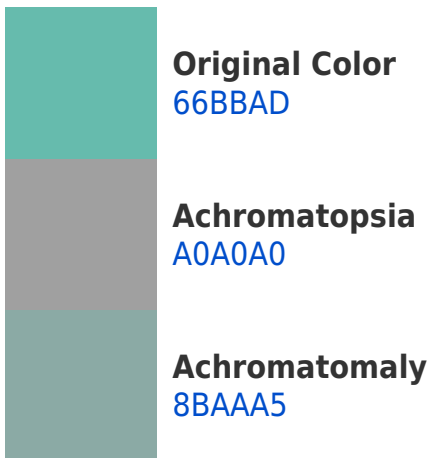


Tritanopia
6DB7C6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 66BBAD 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 #66BBAD looks like.

```
.text, #text, p{  
    color:#66BBAD  
}
```

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 #66BBAD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66BBAD
}
```

Border

The CSS property to change the border of an element to Hex 66BBAD 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
#66BBAD }
```

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

```
.border{ border-color:#66BBAD }
```

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

Here you see how a box with a 4 pixel #66BBAD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66BBAD; -webkit-box-shadow:4px 4px  
4px 4px #66BBAD; box-shadow:4px 4px 4px  
4px #66BBAD }
```

Background

The CSS property to change the background color of an element to Hex 66BBAD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66BBAD }
```

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

```
.background{ background-color:#66BBAD }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor