

Converting Colors

Hex(66B8A8)

Have a look what the booklet for
Hex(66B8A8) contains.

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Color

Hex(66B8A8)

Conversions

Conversions Part 1

Format	Color
Hex	66B8A8
RGB	102, 184, 168
RGB Percent	40%, 72%, 66%
CMY	0.6000, 0.2784, 0.3412
CMYK	0.45, 0.00, 0.09, 0.28
HSL	168°, 37%, 56%
HSV	168°, 45%, 72%
XYZ	29.6879, 39.9329, 43.1889
YIQ	157.6580, -43.7360, -22.3600

Conversions

Conversions Part 2

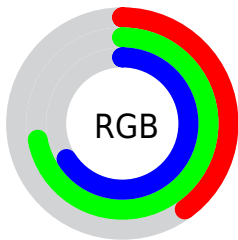
Format	Color
RYB	102, 147, 184
Decimal	6731944
CIELab	69.42, -28.95, 0.33
CIElCh	69, 28.951, 179.348
Yxy	39.9329, 0.2632, 0.3540
Android (android.graphics.Color)	4284922024 (0xFF66B8A8)
YUV	157.6580, 5.0986, -48.8121
Hunter-Lab	63.1925, -26.7275, 3.7130

Details

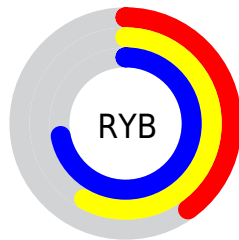
The Hex color **66B8A8** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **B86676**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **9DF0DF**, and **2E8374** is the 20% darker color. If you saturate the color by 10%, you get **54B8A4**, and if you desaturate by 10%, it is **78B8AC**.

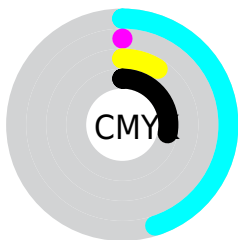
Distribution



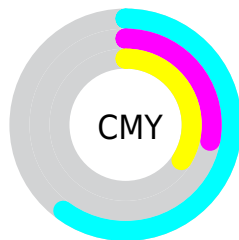
- Red (40%)
- Green (72%)
- Blue (66%)



- Red (40%)
- Yellow (58%)
- Blue (72%)



- Cyan (45%)
- Magenta (0%)
- Yellow (9%)
- Black (28%)



- Cyan (60%)
- Magenta (28%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66B8A8 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 66B8A8 by changing the saturation by 10% instead.



66B8A8



66B8A8

FFFFFF



4A9D8E



9DF0DF



2E8374



BAFFFC



06695C



D6FFFF



005044



F4FFFF



00392E



002419



000000



66B8A8



66B8A8



54B8A4



78B8AC

 41B8A1

 8BB8AF

 2FB89D

 9DB8B3

 1CB89A

 B0B8B6

 0AB896

 C2B8BA

 00B894

 D4B8BE

 E7B8C1

 F9B8C5

 FFB8C8

Harmonies

Analogous

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



83B58E



66B8A8



57B7C2

Triad

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



66B8A8



ADA3D7



D29F7D

Complementary

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



66B8A8



B86676

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.



DE9891



66B8A8



CB9BC5

Square

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



66B8A8



87ACDE



DB96AB



BDA875

Rectangle

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



66B8A8



5CB5D0



DB96AB



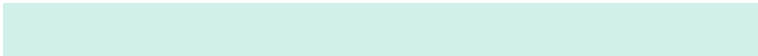
D79C83

Sweetspot

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



66B8A8



D1F0EA



76B866



657874



F7F7F7



787878

Same Dimension

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



66B8A8



71F0D7



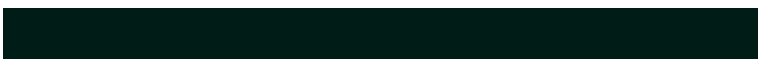
669FB8



535C5A



009C7D



001C17

Inverse Universe

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



B86676



F07189



B87F66



5C5354



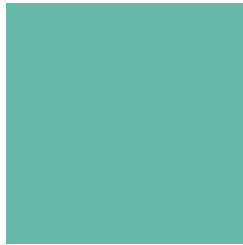
9C001E



1C0005

Previews

White Background



This preview shows how the Hex color 66B8A8 looks on a white background.

Color Contrast Check

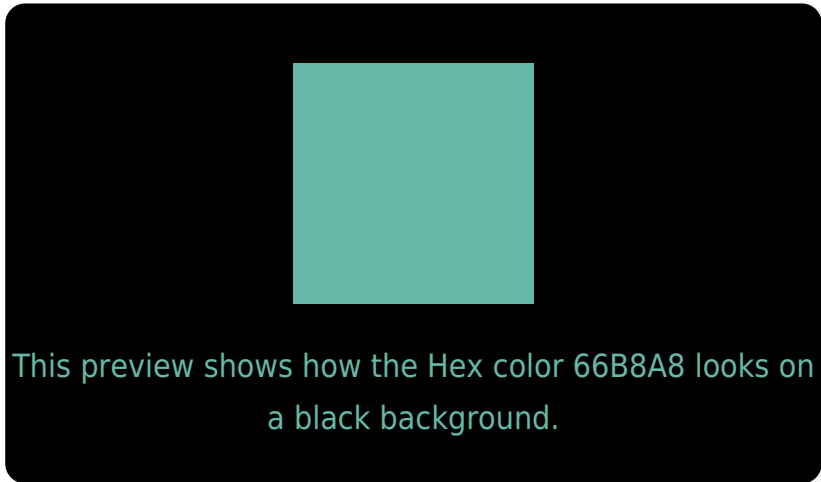
Large Text (above 18pt) WCAG AA × Fail

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

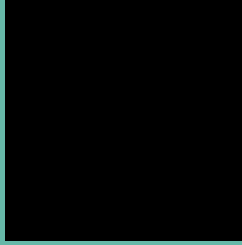
Any Text WCAG AA ✓ Pass

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 66B8A8 Background



This preview shows how black text looks on a background with the Hex color 66B8A8.

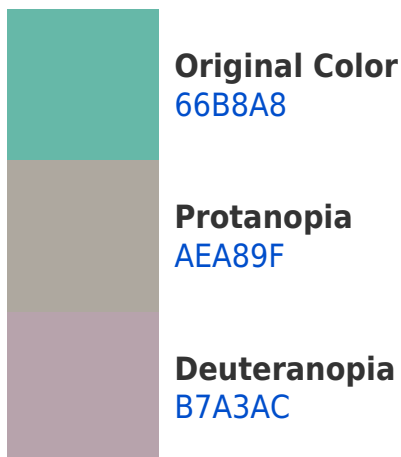


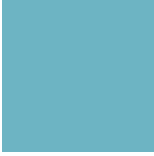
This preview shows how white text looks on a background with the Hex color 66B8A8.

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](#).

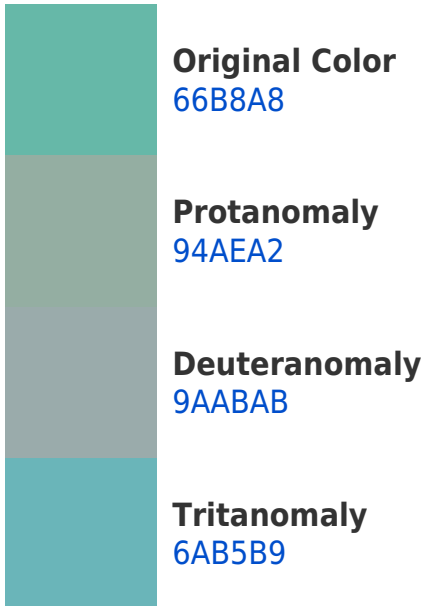
Dichromacy





Tritanopia
6DB4C3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 66B8A8 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 #66B8A8 looks like.

```
.text, #text, p{  
    color:#66B8A8  
}
```

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 #66B8A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66B8A8
}
```

Border

The CSS property to change the border of an element to Hex 66B8A8 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
#66B8A8 }
```

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

```
.border{ border-color:#66B8A8 }
```

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

Here you see how a box with a 4 pixel #66B8A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66B8A8; -webkit-box-shadow:4px 4px  
4px 4px #66B8A8; box-shadow:4px 4px 4px  
4px #66B8A8 }
```

Background

The CSS property to change the background color of an element to Hex 66B8A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66B8A8 }
```

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

```
.background{ background-color:#66B8A8 }
```

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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