

Converting Colors

Hex(66C6B1)

Have a look what the booklet for
Hex(66C6B1) contains.

Hex(66C6B1)	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(66C6B1)

Conversions

Conversions Part 1

Format	Color
Hex	66C6B1
RGB	102, 198, 177
RGB Percent	40%, 78%, 69%
CMY	0.6000, 0.2235, 0.3059
CMYK	0.48, 0.00, 0.11, 0.22
HSL	167°, 46%, 59%
HSV	167°, 48%, 78%
XYZ	33.6094, 46.3873, 48.7772
YIQ	166.9020, -50.4750, -26.8830

Conversions

Conversions Part 2

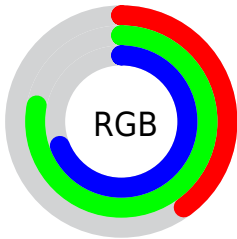
Format	Color
RYB	102, 156, 198
Decimal	6735537
CIELab	73.80, -33.48, 1.79
CIElCh	74, 33.528, 176.942
Yxy	46.3873, 0.2610, 0.3602
Android (android.graphics.Color)	4284925617 (0xFF66C6B1)
YUV	166.9020, 4.9783, -56.9191
Hunter-Lab	68.1082, -31.1049, 5.2139

Details

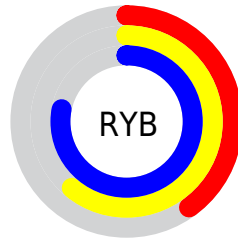
The Hex color **66C6B1** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **C6667B**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **9FFFE9**, and **2A907D** is the 20% darker color. If you saturate the color by 10%, you get **52C6AD**, and if you desaturate by 10%, it is **7AC6B5**.

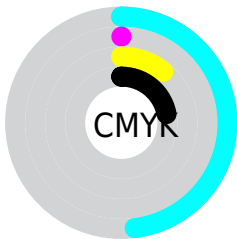
Distribution



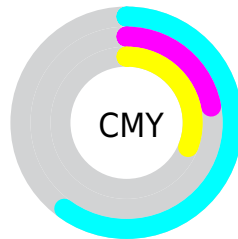
- Red (40%)
- Green (78%)
- Blue (69%)



- Red (40%)
- Yellow (61%)
- Blue (78%)



- Cyan (48%)
- Magenta (0%)
- Yellow (11%)
- Black (22%)



- Cyan (60%)
- Magenta (22%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66C6B1 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 66C6B1 by changing the saturation by 10% instead.



66C6B1



66C6B1

FFFFFF



49AA96



9FFFE9



2A907D



BBFFFF



007664



D8FFFF



005C4C



F6FFFF



004435



002D20



001609



000000



66C6B1



66C6B1

■ 52C6AD

■ 7AC6B5

■ 3EC6A8

■ 8EC6BA

■ 2BC6A4

■ A1C6BE

■ 17C6A0

■ B5C6C2

■ 03C69B

■ C9C6C7

■ 00C69B

■ DDC6CB

■ F1C6CF

■ FFC6D4

■ FFC6D8

Harmonies

Analogous

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



8AC393



66C6B1



4EC6D0

Triad

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



66C6B1



B5AFEC



E6A883

Complementary

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



66C6B1



C6667B

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.



F2A09B



66C6B1



DAA4D7

Square

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



66C6B1



87B9F2



EE9EBA



CEB278

Rectangle

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



66C6B1



53C3E1



EE9EBA



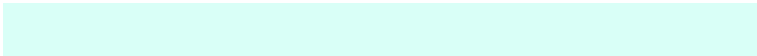
EBA58A

Sweetspot

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



66C6B1



D9FFF7



7CC666



69807A



000000



808080

Same Dimension

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



66C6B1



6BFFDF



66ACC6



5A6361



00A380



00241C

Inverse Universe

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



C6667B



FF6B8B



C68066



635A5C



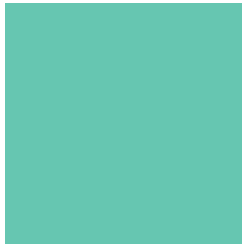
A30024



240008

Previews

White Background



This preview shows how the Hex color 66C6B1 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 66C6B1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

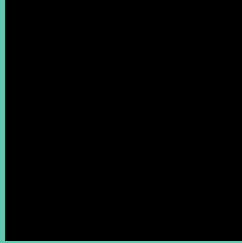
Any Text WCAG AA ✓ Pass

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 66C6B1 Background



This preview shows how black text looks on a background with the Hex color 66C6B1.

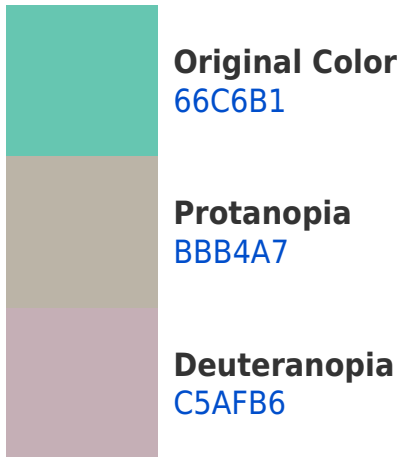


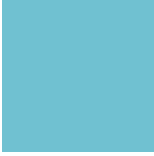
This preview shows how white text looks on a background with the Hex color 66C6B1.

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](#).

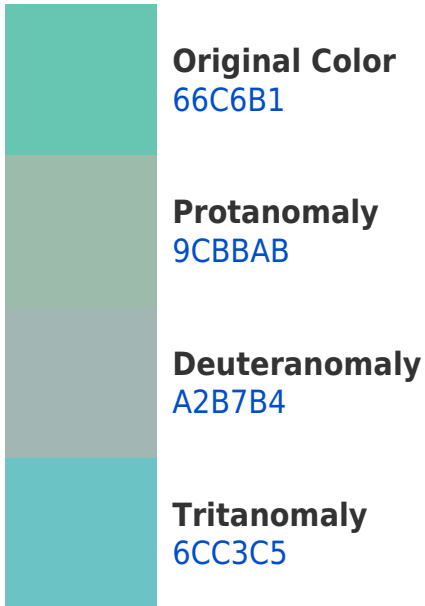
Dichromacy





Tritanopia
70C1D1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 66C6B1 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 #66C6B1 looks like.

```
.text, #text, p{  
    color:#66C6B1  
}
```

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 #66C6B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66C6B1  
}
```

Border

The CSS property to change the border of an element to Hex 66C6B1 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  
#66C6B1 }
```

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

```
.border{ border-color:#66C6B1 }
```

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

Here you see how a box with a 4 pixel #66C6B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66C6B1; -webkit-box-shadow:4px 4px  
4px 4px #66C6B1; box-shadow:4px 4px 4px  
4px #66C6B1 }
```

Background

The CSS property to change the background color of an element to Hex 66C6B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66C6B1 }
```

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

```
.background{ background-color:#66C6B1 }
```

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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