

# Converting Colors

Hex(66C7C8)

Have a look what the booklet for  
Hex(66C7C8) contains.

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# **Color**

**Hex(66C7C8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	66C7C8
RGB	102, 199, 200
RGB Percent	40%, 78%, 78%
CMY	0.6000, 0.2196, 0.2157
CMYK	0.49, 0.00, 0.00, 0.22
HSL	181°, 47%, 59%
HSV	181°, 49%, 78%
XYZ	36.3282, 47.8418, 61.9633
YIQ	170.1110, -58.1330, -20.2530

# Conversions

## Conversions Part 2

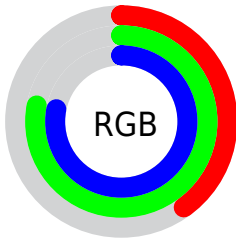
Format	Color
<a href="#">RYB</a>	<a href="#">102, 151, 200</a>
Decimal	<a href="#">6735816</a>
CIELab	<a href="#">74.73, -28.20, -9.32</a>
CIELCh	<a href="#">75, 29.695, 198.282</a>
Yxy	<a href="#">47.8418, 0.2486, 0.3274</a>
Android (android.graphics.Color)	<a href="#">4284925896 (0xFF66C7C8)</a>
YUV	<a href="#">170.1110, 14.7353, -59.7333</a>
Hunter-Lab	<a href="#">69.1677, -27.2919, -4.6970</a>

# Details

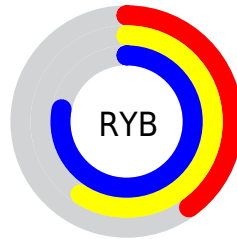
The Hex color **66C7C8** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **C86766**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **A0FFFF**, and **279192** is the 20% darker color. If you saturate the color by 10%, you get **52C7C8**, and if you desaturate by 10%, it is **7AC7C8**.

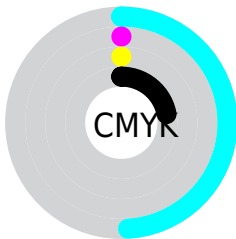
# Distribution



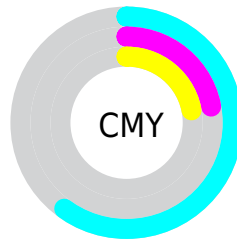
- Red (40%)
- Green (78%)
- Blue (78%)



- Red (40%)
- Yellow (59%)
- Blue (78%)



- Cyan (49%)
- Magenta (0%)
- Yellow (0%)
- Black (22%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 66C7C8 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 66C7C8 by changing the saturation by 10% instead.



 66C7C8

 66C7C8

FFFFFF

 48ABAD

 A0FFFF

 279192

 BDFFFF

 007778

 DAFFFF

 005E60

 F8FFFF

 004648

 002F32

 001A1D

 000001

 000000

66C7C8

66C7C8

52C7C8

7AC7C8

3EC7C8

8EC7C8

2AC6C8

A2C8C8

16C6C8

B6C8C8

02C6C8

CAC8C8

00C6C8

DEC8C8

F2C8C8

FFC9C8

# Harmonies

## Analogous

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



7CC6AC



66C7C8



68C4E0

# Triad

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



66C7C8



D0ABDC



D5B283

# Complementary

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



66C7C8



C86766

# 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.



E8AA90



66C7C8



E7A5C4

# Square

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



66C7C8



ADB5EC



EFA4A8



BABB84

# Rectangle

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



66C7C8



7AC0EA



EFA4A8



DDAF86



# Sweetspot

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



66C7C8



D9FFFF



66C866



697F80



000000



808080



# Same Dimension

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



66C7C8



69FDFD



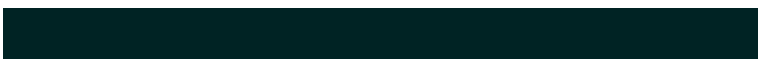
6697C8



5A6363



00A2A3



002324



# Inverse Universe

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



C866C7



FF69FD



C89766



635A63



A300A2

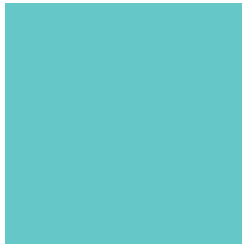


240023



# Previews

## White Background



This preview shows how the Hex color 66C7C8 looks on a white background.

## Color Contrast Check

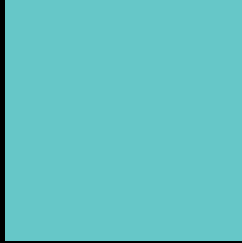
Large Text (above 18pt) WCAG AA × Fail

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 66C7C8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

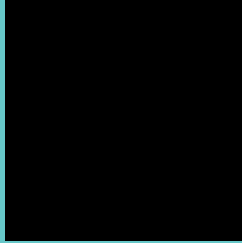
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

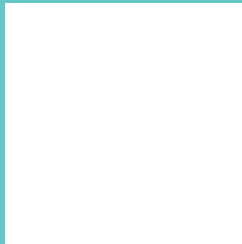
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 66C7C8 Background



This preview shows how black text looks on a background with the Hex color 66C7C8.

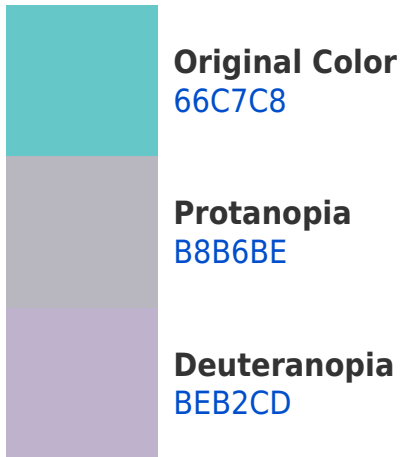


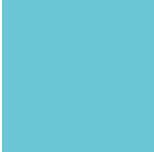
This preview shows how white text looks on a background with the Hex color 66C7C8.

# 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



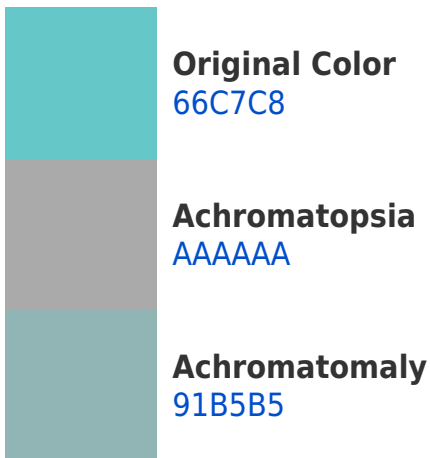


**Tritanopia**  
6AC5D5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 66C7C8 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 #66C7C8 looks like.

```
.text, #text, p{  
    color:#66C7C8  
}
```

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 #66C7C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66C7C8  
}
```

## Border

The CSS property to change the border of an element to Hex 66C7C8 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  
#66C7C8 }
```

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

```
.border{ border-color:#66C7C8 }
```

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

Here you see how a box with a 4 pixel #66C7C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66C7C8; -webkit-box-shadow:4px 4px  
4px 4px #66C7C8; box-shadow:4px 4px 4px  
4px #66C7C8 }
```

# Background

The CSS property to change the background color of an element to Hex 66C7C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66C7C8 }
```

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

```
.background{ background-color:#66C7C8 }
```

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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