

# Converting Colors

Hex(56C6B8)

Have a look what the booklet for  
Hex(56C6B8) contains.

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**Color**

**Hex(56C6B8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	56C6B8
RGB	86, 198, 184
RGB Percent	34%, 78%, 72%
CMY	0.6627, 0.2235, 0.2784
CMYK	0.57, 0.00, 0.07, 0.22
HSL	172°, 50%, 56%
HSV	172°, 57%, 78%
XYZ	32.6836, 45.8273, 52.4703
YIQ	162.9160, -62.2580, -28.0980

# Conversions

## Conversions Part 2

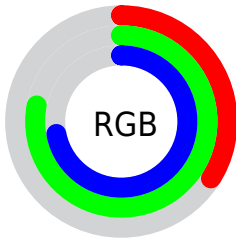
Format	Color
<b>RYB</b>	86, 146, 198
Decimal	5686968
CIELab	73.43, -35.19, -2.61
CIElCh	73, 35.290, 184.234
Yxy	45.8273, 0.2495, 0.3499
Android (android.graphics.Color)	4283877048 (0xFF56C6B8)
YUV	162.9160, 10.3944, -67.4553
Hunter-Lab	67.6959, -32.2879, 1.4320

# Details

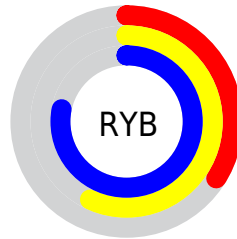
The Hex color **56C6B8** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted spring green. A complement of this color would be **C65664**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **91FFF0**, and **009083** is the 20% darker color. If you saturate the color by 10%, you get **42C6B6**, and if you desaturate by 10%, it is **6AC6BA**.

# Distribution



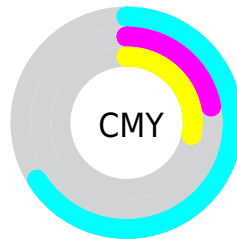
- Red (34%)
- Green (78%)
- Blue (72%)



- Red (34%)
- Yellow (57%)
- Blue (78%)



- Cyan (57%)
- Magenta (0%)
- Yellow (7%)
- Black (22%)



- Cyan (66%)
- Magenta (22%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 56C6B8 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 56C6B8 by changing the saturation by 10% instead.



 56C6B8

 56C6B8

FFFFFF

 36AA9D

 91FFF0

 009083

 AEFFFF

 00756A

 CCFFFF

 005C52

 EAFFFF

 00443B

 002D25

 001511

 000000

 56C6B8

 56C6B8

■ 42C6B6

■ 6AC6BA

■ 2EC6B3

■ 7EC6BD

■ 1BC6B1

■ 91C6BF

■ 07C6AE

■ A5C6C2

■ 00C6AD

■ B9C6C4

■ CDC6C7

■ E1C6C9

■ F4C6CC

■ FFC6CE

# Harmonies

## Analogous

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



7DC397



56C6B8



41C5D8

# Triad

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



56C6B8



BFAAEA



E2A97B

# Complementary

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



56C6B8



C65664

# 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.



F29F92



56C6B8



E1A0D1

# Square

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



56C6B8



8FB6F4



F39CB1



C6B473

# Rectangle

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



56C6B8



4FC1E8



F39CB1



E9A581

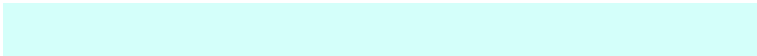


# Sweetspot

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



56C6B8



D4FFFA



65C656



66807C



000000



808080



# Same Dimension

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



56C6B8



52FFE9



569DC6



5A6362



00A38F



00241F



# Inverse Universe

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



C65664



FF5267



C67F56



635A5B



A30014

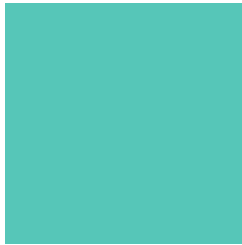


240004



# Previews

## White Background



This preview shows how the Hex color 56C6B8 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 56C6B8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

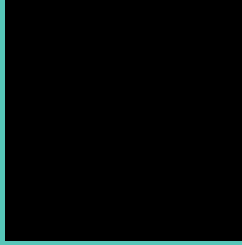
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

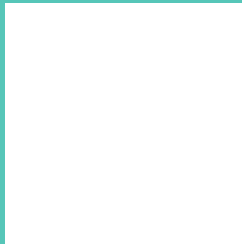
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 56C6B8 Background



This preview shows how black text looks on a background with the Hex color 56C6B8.

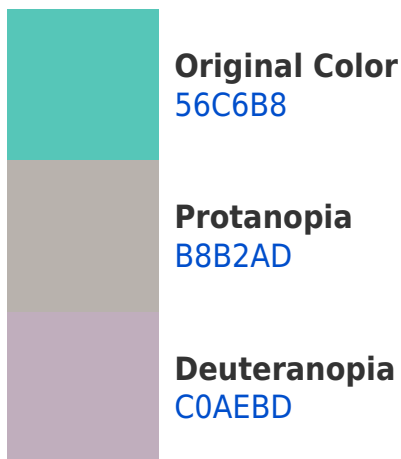


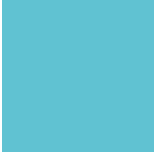
This preview shows how white text looks on a background with the Hex color 56C6B8.

# 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



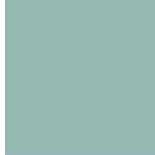


**Tritanopia**  
60C2D2

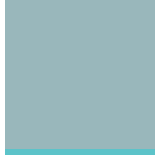
# Trichromacy



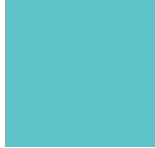
**Original Color**  
56C6B8



**Protanomaly**  
94B9B1



**Deuteranomaly**  
99B7BB



**Tritanomaly**  
5CC3C9

# Monochromacy



**Original Color**  
56C6B8



**Achromatopsia**  
A3A3A3



**Achromatomaly**  
87B0AB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 56C6B8 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 #56C6B8 looks like.

```
.text, #text, p{  
    color:#56C6B8  
}
```

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 #56C6B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56C6B8
}
```

## Border

The CSS property to change the border of an element to Hex 56C6B8 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
#56C6B8 }
```

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

```
.border{ border-color:#56C6B8 }
```

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

Here you see how a box with a 4 pixel #56C6B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56C6B8; -webkit-box-shadow:4px 4px  
4px 4px #56C6B8; box-shadow:4px 4px 4px  
4px #56C6B8 }
```

# Background

The CSS property to change the background color of an element to Hex 56C6B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56C6B8 }
```

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

```
.background{ background-color:#56C6B8 }
```

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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