

# Converting Colors

Hex(56B2CC)

Have a look what the booklet for  
Hex(56B2CC) contains.

|  |    |
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**Color**

**Hex(56B2CC)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 56B2CC                       |
| RGB         | 86, 178, 204                 |
| RGB Percent | 34%, 70%, 80%                |
| CMY         | 0.6627, 0.3020, 0.2000       |
| CMYK        | 0.58, 0.13, 0.00, 0.20       |
| HSL         | 193°, 54%, 57%               |
| HSV         | 193°, 58%, 80%               |
| XYZ         | 30.6572, 38.1789, 62.8802    |
| YIQ         | 153.4560, -63.1780, -11.4180 |

# Conversions

## Conversions Part 2

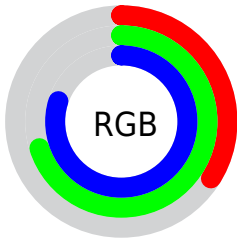
| Format                              | Color                          |
|-------------------------------------|--------------------------------|
| <a href="#">RYB</a>                 | 86, 138, 204                   |
| Decimal                             | 5681868                        |
| CIELab                              | 68.15, -19.82, -21.46          |
| CIELCh                              | 68, 29.216, 227.270            |
| Yxy                                 | 38.1789, 0.2328,<br>0.2899     |
| Android<br>(android.graphics.Color) | 4283871948<br>(0xFF56B2CC)     |
| YUV                                 | 153.4560, 24.9182,<br>-59.1589 |
| Hunter-Lab                          | 61.7890, -19.5663,<br>-17.0847 |

# Details

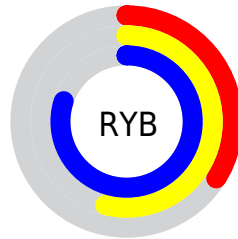
The Hex color **56B2CC** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **CC7056**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **91E AFF**, and **017D96** is the 20% darker color. If you saturate the color by 10%, you get **42AECC**, and if you desaturate by 10%, it is **6AB6CC**.

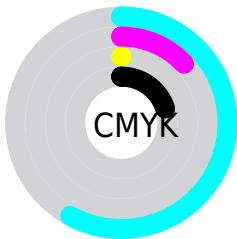
# Distribution



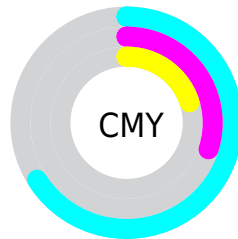
- Red (34%)
- Green (70%)
- Blue (80%)



- Red (34%)
- Yellow (54%)
- Blue (80%)



- Cyan (58%)
- Magenta (13%)
- Yellow (0%)
- Black (20%)



- Cyan (66%)
- Magenta (30%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 56B2CC 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 56B2CC by changing the saturation by 10% instead.



 56B2CC

 56B2CC

FFFFFF

 3697B1

 91EAFB

 017D96

 AEFFFF

 00647C

 CCFFFF

 004C63

 E9FFFF

 00354B

 002034

 00021F

 000003

 000000

■ 56B2CC

■ 56B2CC

■ 42AECC

■ 6AB6CC

■ 2DA9CC

■ 7FBBC

■ 19A5CC

■ 93BFCC

■ 04A0CC

■ A8C4CC

■ 009FCC

■ BCC8CC

■ D0CDCC

■ E5D1CC

■ F9D6CC

■ FFDACC

# Harmonies

## Analogous

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



55B5B5



56B2CC



73ACD9

# Triad

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



56B2CC



D394B3



A9A973

# Complementary

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



56B2CC



CC7056

# 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.



C3A173



56B2CC



DB9398

# Square

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



56B2CC



BD9ACA



D59880



8BB082

# Rectangle

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



56B2CC



8DA6DA



D59880



B2A772

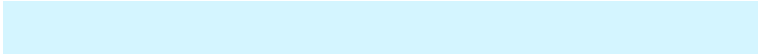


# Sweetspot

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



56B2CC



D4F5FF



56CC70



667A80



000000



808080



# Same Dimension

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



56B2CC



4FD8FF



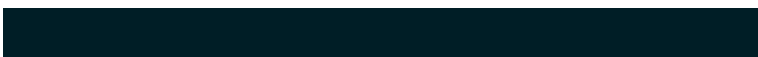
5677CC



5C6466



0081A6



001E26



# Inverse Universe

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



CC56B2



FF4FD8



CCAB56



665C64



A60081

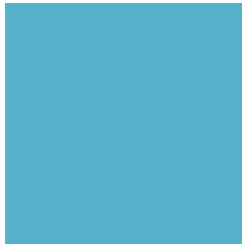


26001E



# Previews

## White Background



This preview shows how the Hex color 56B2CC looks on a white background.

## Color Contrast Check

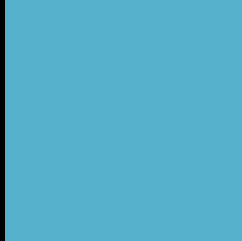
Large Text (above 18pt) WCAG AA × Fail

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 56B2CC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

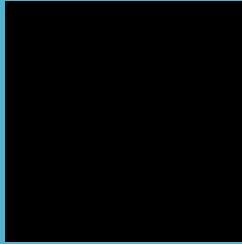
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 56B2CC Background



This preview shows how black text looks on a background with the Hex color 56B2CC.

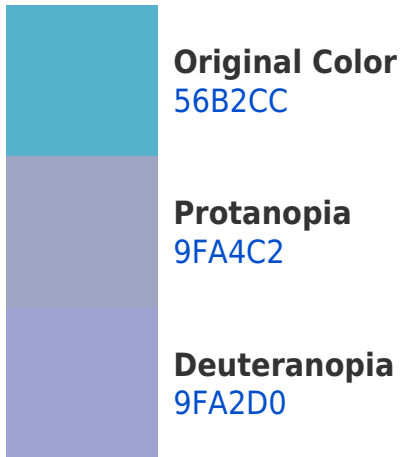


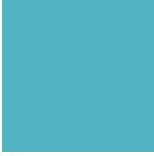
This preview shows how white text looks on a background with the Hex color 56B2CC.

# 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](#).

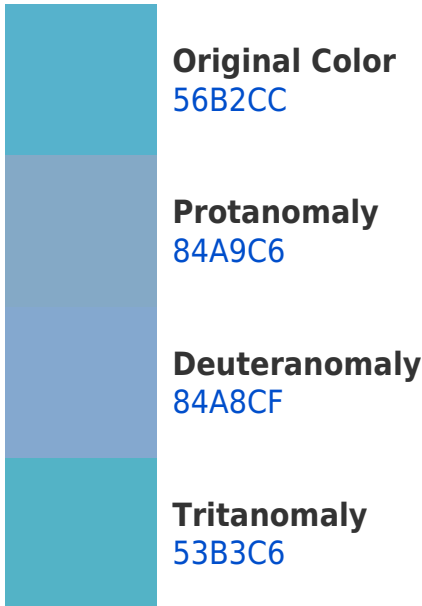
## Dichromacy



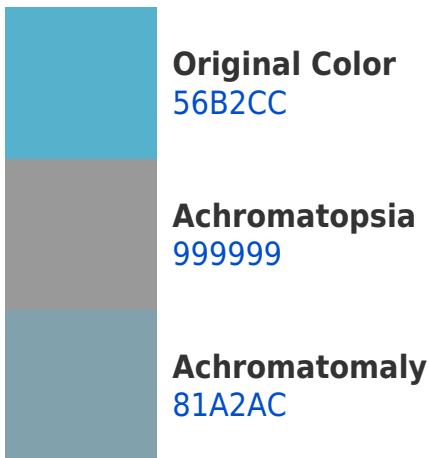


**Tritanopia**  
52B4C2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 56B2CC 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 #56B2CC looks like.

```
.text, #text, p{  
    color:#56B2CC  
}
```

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 #56B2CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56B2CC
}
```

## Border

The CSS property to change the border of an element to Hex 56B2CC 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
#56B2CC }
```

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

```
.border{ border-color:#56B2CC }
```

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

Here you see how a box with a 4 pixel #56B2CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56B2CC; -webkit-box-shadow:4px 4px  
4px 4px #56B2CC; box-shadow:4px 4px 4px  
4px #56B2CC }
```

# Background

The CSS property to change the background color of an element to Hex 56B2CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56B2CC }
```

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

```
.background{ background-color:#56B2CC }
```

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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