

Converting Colors

Hex(56B0CA)

Have a look what the booklet for
Hex(56B0CA) contains.

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Color

Hex(56B0CA)

Conversions

Conversions Part 1

Format	Color
Hex	56B0CA
RGB	86, 176, 202
RGB Percent	34%, 69%, 79%
CMY	0.6627, 0.3098, 0.2078
CMYK	0.57, 0.13, 0.00, 0.21
HSL	193°, 52%, 56%
HSV	193°, 57%, 79%
XYZ	30.0238, 37.2934, 61.4930
YIQ	152.0540, -61.9860, -10.9940

Conversions

Conversions Part 2

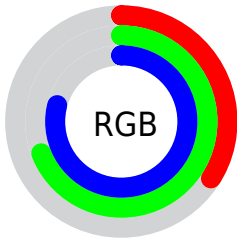
Format	Color
RYB	86, 137, 202
Decimal	5681354
CIELab	67.50, -19.38, -21.36
CIELCh	67, 28.838, 227.785
Yxy	37.2934, 0.2331, 0.2895
Android (android.graphics.Color)	4283871434 (0xFF56B0CA)
YUV	152.0540, 24.6234, -57.9294
Hunter-Lab	61.0683, -19.1114, -16.9546

Details

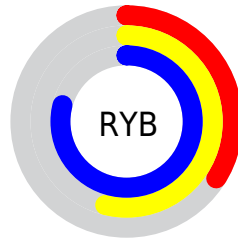
The Hex color **56B0CA** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **CA7056**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **91E8FF**, and **047B94** is the 20% darker color. If you saturate the color by 10%, you get **42ABCA**, and if you desaturate by 10%, it is **6AB5CA**.

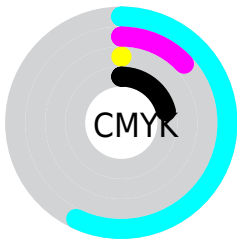
Distribution



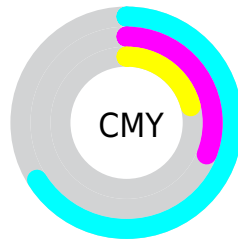
- Red (34%)
- Green (69%)
- Blue (79%)



- Red (34%)
- Yellow (54%)
- Blue (79%)



- Cyan (57%)
- Magenta (13%)
- Yellow (0%)
- Black (21%)



- Cyan (66%)
- Magenta (31%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 56B0CA 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 56B0CA by changing the saturation by 10% instead.

 56B0CA

 56B0CA

FFFFFF

 3695AF

 91E8FF

 047B94

 AEFFFF

 00627A

 CBFFFF

 004A61

 E9FFFF

 003349

 001F33

 00021E

 000000

 56B0CA

 56B0CA

■ 42ABCA

■ 6AB5CA

■ 2EA7CA

■ 7EB9CA

■ 19A2CA

■ 93BECA

■ 059ECA

■ A7C2CA

■ 009DCA

■ BBC7CA

■ CFCBCA

■ E3D0CA

■ F8D4CA

■ FFD9CA

Harmonies

Analogous

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



55B3B3



56B0CA



73AAD7

Triad

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



56B0CA



D192B0



A7A872

Complementary

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



56B0CA



CA7056

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.



C09F72



56B0CA



D99296

Square

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



56B0CA



BB98C7



D2977F



89AE81

Rectangle

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



56B0CA



8DA5D8



D2977F



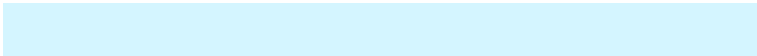
B0A571

Sweetspot

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



56B0CA



D4F5FF



56CA6F



667A80



000000



808080

Same Dimension

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



56B0CA



4FD8FF



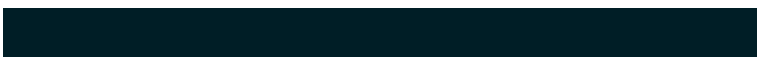
5677CA



5C6466



0081A6



001E26

Inverse Universe

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



CA56B0



FF4FD8



CAA956



665C64



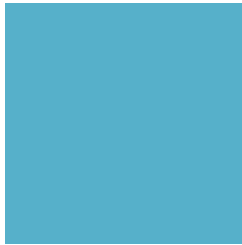
A60081



26001E

Previews

White Background



This preview shows how the Hex color 56B0CA looks on a white background.

Color Contrast Check

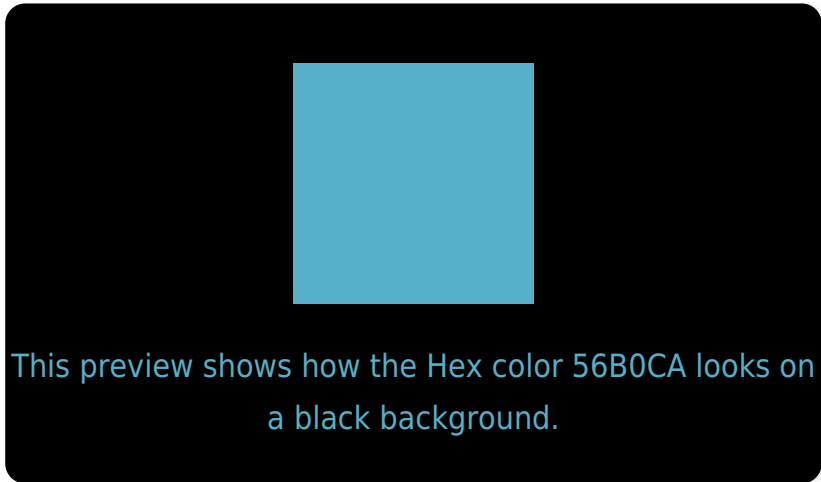
Large Text (above 18pt) WCAG AA × Fail

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 56B0CA Background



This preview shows how black text looks on a background with the Hex color 56B0CA.

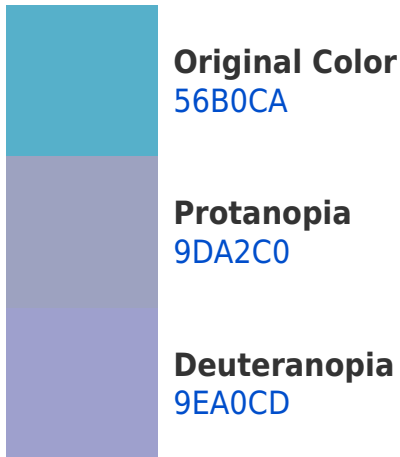


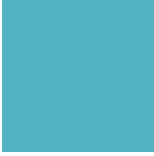
This preview shows how white text looks on a background with the Hex color 56B0CA.

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](#).

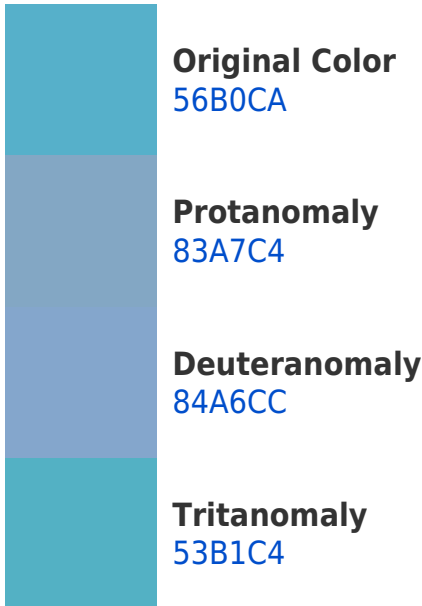
Dichromacy



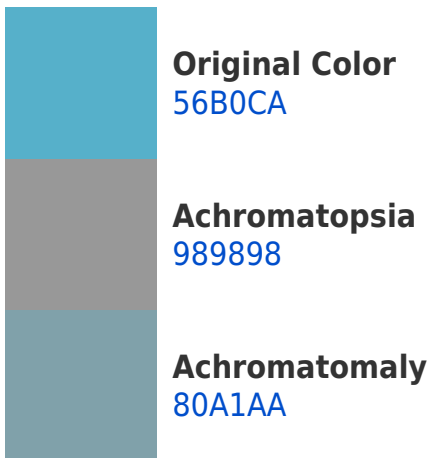


Tritanopia
52B2C0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 56B0CA 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 #56B0CA looks like.

```
.text, #text, p{  
    color:#56B0CA  
}
```

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 #56B0CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56B0CA
}
```

Border

The CSS property to change the border of an element to Hex 56B0CA 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
#56B0CA }
```

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

```
.border{ border-color:#56B0CA }
```

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

Here you see how a box with a 4 pixel #56B0CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56B0CA; -webkit-box-shadow:4px 4px  
4px 4px #56B0CA; box-shadow:4px 4px 4px  
4px #56B0CA }
```

Background

The CSS property to change the background color of an element to Hex 56B0CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56B0CA }
```

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

```
.background{ background-color:#56B0CA }
```

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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