

Converting Colors

Hex(56B5CA)

Have a look what the booklet for
Hex(56B5CA) contains.

Hex(56B5CA)	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(56B5CA)

Conversions

Conversions Part 1

Format	Color
Hex	56B5CA
RGB	86, 181, 202
RGB Percent	34%, 71%, 79%
CMY	0.6627, 0.2902, 0.2078
CMYK	0.57, 0.10, 0.00, 0.21
HSL	191°, 52%, 56%
HSV	191°, 57%, 79%
XYZ	31.0223, 39.2904, 61.8259
YIQ	154.9890, -63.3610, -13.6090

Conversions

Conversions Part 2

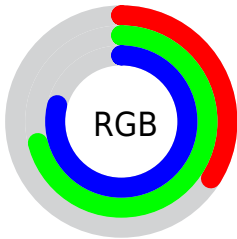
Format	Color
RYB	86, 138, 202
Decimal	5682634
CIELab	68.96, -21.96, -19.13
CIElCh	69, 29.121, 221.066
Yxy	39.2904, 0.2348, 0.2973
Android (android.graphics.Color)	4283872714 (0xFF56B5CA)
YUV	154.9890, 23.1764, -60.5034
Hunter-Lab	62.6821, -21.3514, -14.6027

Details

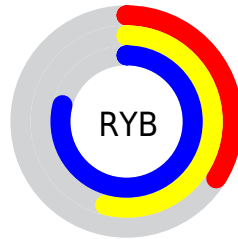
The Hex color **56B5CA** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **CA6B56**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **91EDFF**, and **018094** is the 20% darker color. If you saturate the color by 10%, you get **42B1CA**, and if you desaturate by 10%, it is **6AB9CA**.

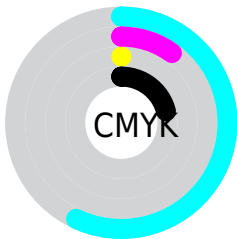
Distribution



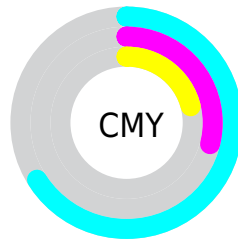
- Red (34%)
- Green (71%)
- Blue (79%)



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



- Cyan (57%)
- Magenta (10%)
- Yellow (0%)
- Black (21%)



- Cyan (66%)
- Magenta (29%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 56B5CA 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 56B5CA by changing the saturation by 10% instead.

■ 56B5CA

■ 56B5CA

FFFFFF

■ 369AAF

■ 91EDFF

■ 018094

■ AEFFFF

■ 00677A

■ CCFFFF

■ 004E61

■ E9FFFF

■ 003749

■ 002233

■ 00021E

■ 000000

■ 56B5CA

■ 56B5CA

■ 42B1CA

■ 6AB9CA

■ 2EAECA

■ 7EBCCA

■ 19AACA

■ 93C0CA

■ 05A6CA

■ A7C4CA

■ 00A5CA

■ BBC7CA

■ CFCBCA

■ E3CFCA

■ F8D2CA

■ FFD6CA

Harmonies

Analogous

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



5BB7B1



56B5CA



6EB0D9

Triad

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



56B5CA



D297BA



B1AA74

Complementary

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



56B5CA



CA6B56

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.



CAA177



56B5CA



DD959F

Square

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



56B5CA



B89ED0



D99987



94B180

Rectangle

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



56B5CA



87AADD



D99987



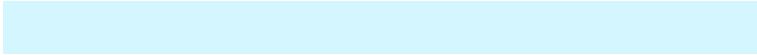
BAA774

Sweetspot

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



56B5CA



D4F7FF



56CA69



667B80



000000



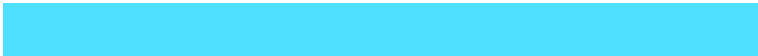
808080

Same Dimension

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



56B5CA



4FDFFF



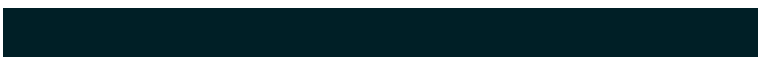
567DCA



5C6466



0088A6



001F26

Inverse Universe

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



CA56B5



FF4FDF



CAA356



665C64



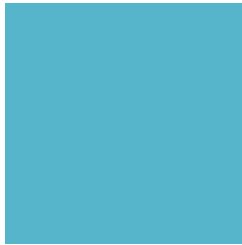
A60088



26001F

Previews

White Background



This preview shows how the Hex color 56B5CA looks on a white background.

Color Contrast Check

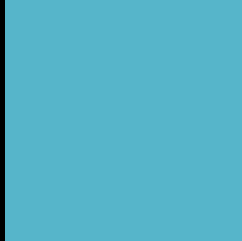
Large Text (above 18pt) WCAG AA × Fail

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 56B5CA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

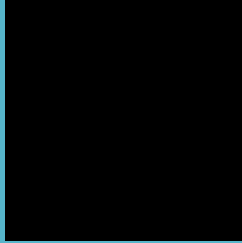
Any Text WCAG AA ✓ Pass

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 56B5CA Background



This preview shows how black text looks on a background with the Hex color 56B5CA.

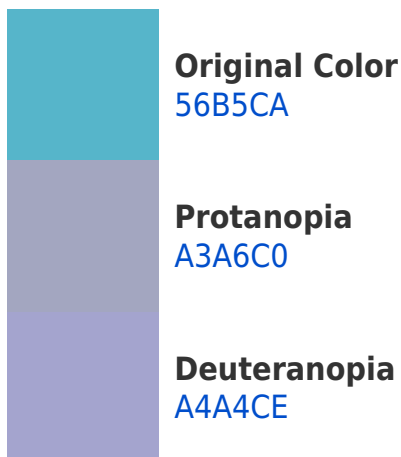


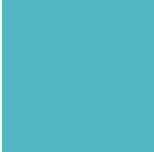
This preview shows how white text looks on a background with the Hex color 56B5CA.

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](#).

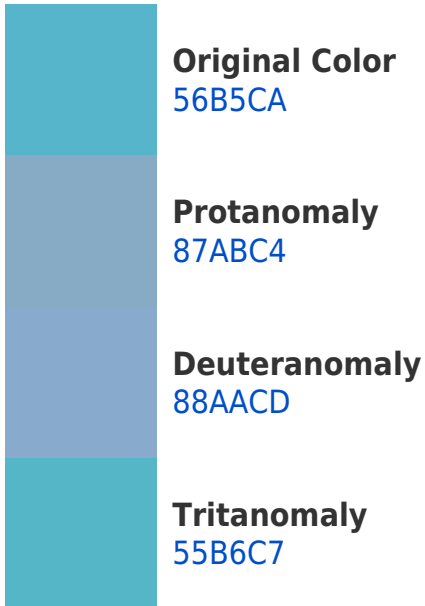
Dichromacy



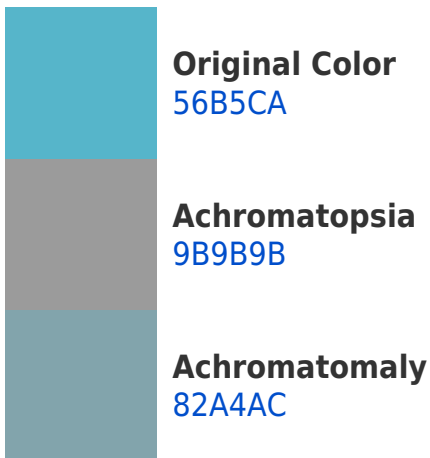


Tritanopia
54B6C5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 56B5CA 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 #56B5CA looks like.

```
.text, #text, p{  
    color:#56B5CA  
}
```

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 #56B5CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56B5CA
}
```

Border

The CSS property to change the border of an element to Hex 56B5CA 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
#56B5CA }
```

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

```
.border{ border-color:#56B5CA }
```

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

Here you see how a box with a 4 pixel #56B5CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56B5CA; -webkit-box-shadow:4px 4px  
4px 4px #56B5CA; box-shadow:4px 4px 4px  
4px #56B5CA }
```

Background

The CSS property to change the background color of an element to Hex 56B5CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56B5CA }
```

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

```
.background{ background-color:#56B5CA }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor