

Converting Colors

Hex(56CAC8)

Have a look what the booklet for
Hex(56CAC8) contains.

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Color

Hex(56CAC8)

Conversions

Conversions Part 1

Format	Color
Hex	56CAC8
RGB	86, 202, 200
RGB Percent	34%, 79%, 78%
CMY	0.6627, 0.2078, 0.2157
CMYK	0.57, 0.00, 0.01, 0.21
HSL	179°, 52%, 56%
HSV	179°, 57%, 79%
XYZ	35.3836, 48.3896, 62.1188
YIQ	167.0880, -68.4940, -25.2140

Conversions

Conversions Part 2

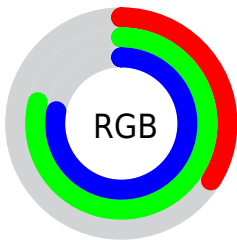
Format	Color
RYB	86, 145, 202
Decimal	5688008
CIELab	75.07, -32.86, -8.86
CIElCh	75, 34.030, 195.090
Yxy	48.3896, 0.2425, 0.3317
Android (android.graphics.Color)	4283878088 (0xFF56CAC8)
YUV	167.0880, 16.2256, -71.1142
Hunter-Lab	69.5627, -30.9392, -4.2516

Details

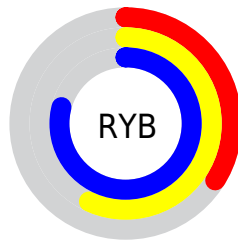
The Hex color **56CAC8** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **CA5658**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **92FFFF**, and **009392** is the 20% darker color. If you saturate the color by 10%, you get **42CAC8**, and if you desaturate by 10%, it is **6ACAC8**.

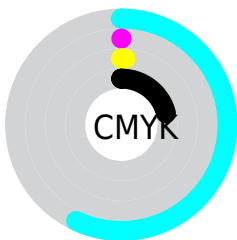
Distribution



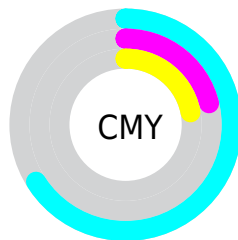
- Red (34%)
- Green (79%)
- Blue (78%)



- Red (34%)
- Yellow (57%)
- Blue (79%)



- Cyan (57%)
- Magenta (0%)
- Yellow (1%)
- Black (21%)



- Cyan (66%)
- Magenta (21%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 56CAC8 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 56CAC8 by changing the saturation by 10% instead.

 56CAC8

 56CAC8

FFFFFF

 34AEAD


 92FFFF

 009392

 B0FFFF

 007978

 CEFFFF

 006060

 ECFFFF

 004848

 003032

 001B1D

 000001

 000000

■ 56CAC8

■ 56CAC8

■ 42CAC8

■ 6ACAC8

■ 2ECAC7

■ 7ECAC9

■ 19CAC7

■ 93CAC9

■ 05CAC7

■ A7CAC9

■ 00CAC7

■ BBCACA

■ CFCACA

■ E3CACA

■ F8CACB

■ FFCACB

Harmonies

Analogous

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



76C9A8



56CAC8



53C7E4

Triad

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



56CAC8



D1ABE5



DCB17D

Complementary

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



56CAC8



CA5658

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.



F1A78E



56CAC8



EDA3CA

Square

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



56CAC8



A7B6F5



F7A2AA



BFBC7C

Rectangle

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



56CAC8



68C3F1



F7A2AA



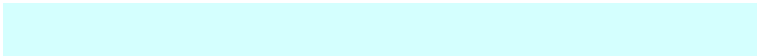
E4AE81

Sweetspot

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



56CAC8



D4FFFE



5ACA56



66807F



000000



808080

Same Dimension

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



56CAC8



4FFFFC



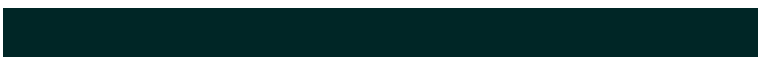
5694CA



5C6666



00A6A3



002626

Inverse Universe

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



CA5658



FF4F52



CA8C56



665C5C



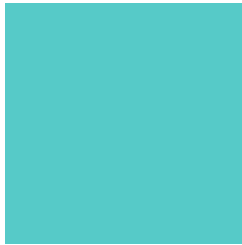
A60003



260001

Previews

White Background



This preview shows how the Hex color 56CAC8 looks on a white background.

Color Contrast Check

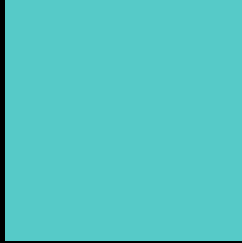
Large Text (above 18pt) WCAG AA × Fail

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 56CAC8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

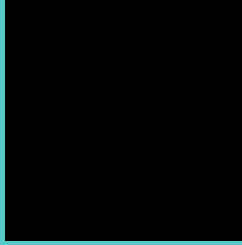
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

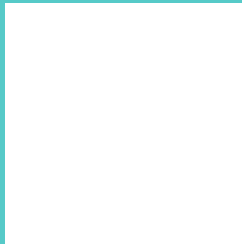
Any Text WCAG AAA ✓ Pass

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

Hex 56CAC8 Background



This preview shows how black text looks on a background with the Hex color 56CAC8.

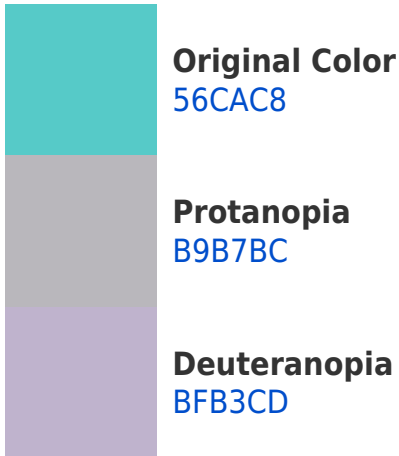


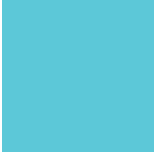
This preview shows how white text looks on a background with the Hex color 56CAC8.

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
5CC8D8

Trichromacy



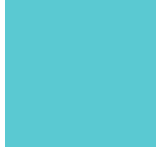
Original Color
56CAC8



Protanomaly
95BEC0



Deuteranomaly
99BBCB

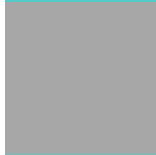


Tritanomaly
5AC9D2

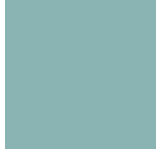
Monochromacy



Original Color
56CAC8



Achromatopsia
A7A7A7



Achromatomaly
8AB4B3

CSS Examples

Text

The CSS property to change the color of the text to Hex 56CAC8 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 #56CAC8 looks like.

```
.text, #text, p{  
    color:#56CAC8  
}
```

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 #56CAC8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56CAC8  
}
```

Border

The CSS property to change the border of an element to Hex 56CAC8 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  
#56CAC8 }
```

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

```
.border{ border-color:#56CAC8 }
```

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

Here you see how a box with a 4 pixel #56CAC8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56CAC8; -webkit-box-shadow:4px 4px  
4px 4px #56CAC8; box-shadow:4px 4px 4px  
4px #56CAC8 }
```

Background

The CSS property to change the background color of an element to Hex 56CAC8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56CAC8 }
```

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

```
.background{ background-color:#56CAC8 }
```

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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