

Converting Colors

Hex(56CAB3)

Have a look what the booklet for
Hex(56CAB3) contains.

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Color

Hex(56CAB3)

Conversions

Conversions Part 1

Format	Color
Hex	56CAB3
RGB	86, 202, 179
RGB Percent	34%, 79%, 70%
CMY	0.6627, 0.2078, 0.2980
CMYK	0.57, 0.00, 0.11, 0.21
HSL	168°, 52%, 56%
HSV	168°, 57%, 79%
XYZ	33.0950, 47.4742, 50.0670
YIQ	164.6940, -61.7530, -31.7450

Conversions

Conversions Part 2

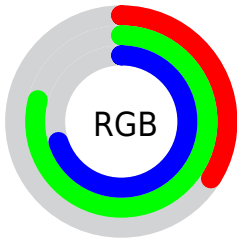
Format	Color
RYB	86, 150, 202
Decimal	5687987
CIELab	74.49, -38.29, 1.65
CIELCh	74, 38.329, 177.530
Yxy	47.4742, 0.2533, 0.3634
Android (android.graphics.Color)	4283878067 (0xFF56CAB3)
YUV	164.6940, 7.0529, -69.0146
Hunter-Lab	68.9015, -34.8400, 5.1482

Details

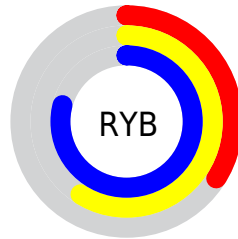
The Hex color **56CAB3** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted spring green. A complement of this color would be **CA566D**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **91FFEB**, and **00937E** is the 20% darker color. If you saturate the color by 10%, you get **42CAAF**, and if you desaturate by 10%, it is **6ACAB7**.

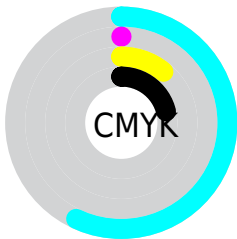
Distribution



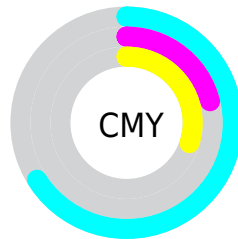
- Red (34%)
- Green (79%)
- Blue (70%)



- Red (34%)
- Yellow (59%)
- Blue (79%)



- Cyan (57%)
- Magenta (0%)
- Yellow (11%)
- Black (21%)



- Cyan (66%)
- Magenta (21%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 56CAB3 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 56CAB3 by changing the saturation by 10% instead.

 56CAB3

 56CAB3

FFFFFF

 35AE98

 91FFEB

 00937E

 AFFFFFF

 007965

 CCFFFF

 00604E

 EAFFFF

 004737

 003022

 00190B

 000000

 56CAB3

 56CAB3

■ 42CAAF

■ 6ACAB7

■ 2ECAAB

■ 7ECABB

■ 19CAA7

■ 93CABF

■ 05CAA3

■ A7CAC3

■ 00CAA2

■ BBCAC7

■ CFCACB

■ E3CACF

■ F8CAD3

■ FFCAD7

Harmonies

Analogous

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



84C690



56CAB3



2DCAD7

Triad

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



56CAB3



B7AFF6



EDA87D

Complementary

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



56CAB3



CA566D

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.



FC9E98



56CAB3



E1A3DE

Square

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



56CAB3



80BCFD



F89CBC



D1B470

Rectangle

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



56CAB3



35C7EA



F89CBC



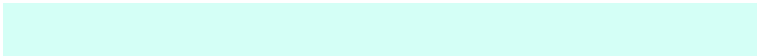
F4A485

Sweetspot

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



56CAB3



D4FFF6



6DCA56



66807A



000000



808080

Same Dimension

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



56CAB3



4FFFDC



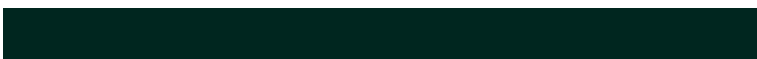
56A7CA



5C6664



00A685



00261F

Inverse Universe

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



CA566D



FF4F72



CA7956



665C5E



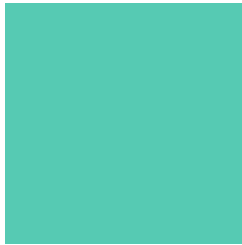
A60021



260008

Previews

White Background



This preview shows how the Hex color 56CAB3 looks on a white background.

Color Contrast Check

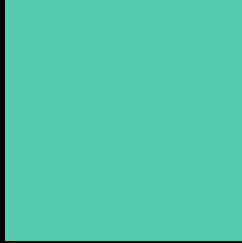
Large Text (above 18pt) WCAG AA × Fail

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 56CAB3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

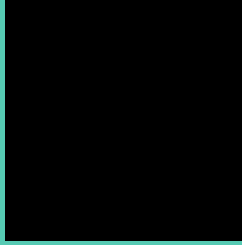
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

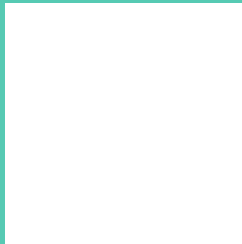
Any Text WCAG AAA ✓ Pass

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

Hex 56CAB3 Background



This preview shows how black text looks on a background with the Hex color 56CAB3.



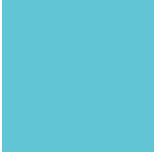
This preview shows how white text looks on a background with the Hex color 56CAB3.

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](#).

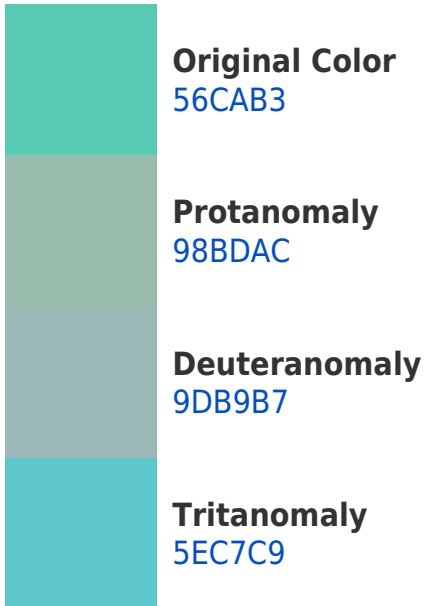
Dichromacy



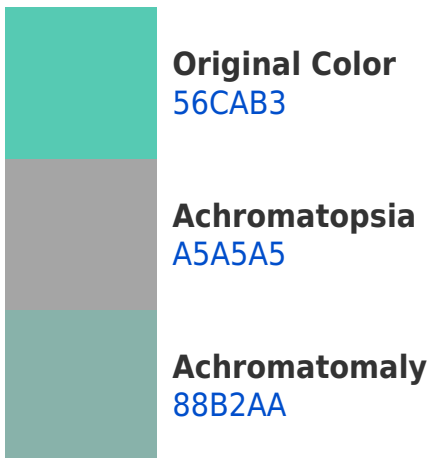


Tritanopia
62C5D5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 56CAB3 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 #56CAB3 looks like.

```
.text, #text, p{  
    color:#56CAB3  
}
```

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 #56CAB3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56CAB3
}
```

Border

The CSS property to change the border of an element to Hex 56CAB3 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
#56CAB3 }
```

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

```
.border{ border-color:#56CAB3 }
```

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

Here you see how a box with a 4 pixel #56CAB3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56CAB3; -webkit-box-shadow:4px 4px  
4px 4px #56CAB3; box-shadow:4px 4px 4px  
4px #56CAB3 }
```

Background

The CSS property to change the background color of an element to Hex 56CAB3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56CAB3 }
```

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

```
.background{ background-color:#56CAB3 }
```

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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