

Converting Colors

Hex(56B9B6)

Have a look what the booklet for
Hex(56B9B6) contains.

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Color

Hex(56B9B6)

Conversions

Conversions Part 1

Format	Color
Hex	56B9B6
RGB	86, 185, 182
RGB Percent	34%, 73%, 71%
CMY	0.6627, 0.2745, 0.2863
CMYK	0.54, 0.00, 0.02, 0.27
HSL	178°, 41%, 53%
HSV	178°, 54%, 73%
XYZ	29.6302, 40.0538, 50.4254
YIQ	155.0570, -58.0410, -21.9210

Conversions

Conversions Part 2

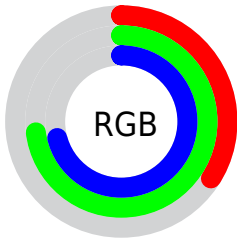
Format	Color
RYB	86, 136, 185
Decimal	5683638
CIELab	69.51, -29.54, -7.31
CIElCh	70, 30.431, 193.898
Yxy	40.0538, 0.2467, 0.3335
Android (android.graphics.Color)	4283873718 (0xFF56B9B6)
YUV	155.0570, 13.2829, -60.5630
Hunter-Lab	63.2880, -27.1839, -2.9383

Details

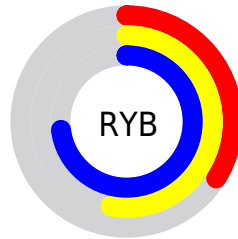
The Hex color **56B9B6** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **B95659**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **90F1EE**, and **0B8381** is the 20% darker color. If you saturate the color by 10%, you get **44B9B5**, and if you desaturate by 10%, it is **69B9B7**.

Distribution



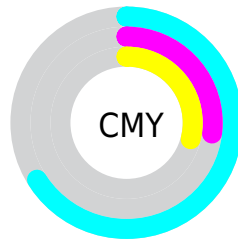
- Red (34%)
- Green (73%)
- Blue (71%)



- Red (34%)
- Yellow (53%)
- Blue (73%)



- Cyan (54%)
- Magenta (0%)
- Yellow (2%)
- Black (27%)



- Cyan (66%)
- Magenta (27%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 56B9B6 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 56B9B6 by changing the saturation by 10% instead.

■ 56B9B6

■ 56B9B6

FFFFFF

■ 379E9B

■ 90F1EE

■ 0B8381

■ ADFFFF

■ 006A68

■ CAFFFF

■ 005150

■ E7FFFF

■ 003A39

■ 002424

■ 00010F

■ 000000

■ 56B9B6

■ 56B9B6

44B9B5

69B9B7

31B9B5

7BB9B7

1EB9B4

8EB9B8

0CB9B4

A0B9B8

00B9B3

B3B9B9

C5B9B9

D8B9BA

EAB9BA

FDB9BB

Harmonies

Analogous

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



71B89A



56B9B6



53B7CF

Triad

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



56B9B6



BE9ED2



CAA375

Complementary

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



56B9B6



B95659

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.



DC9A85



56B9B6



D797BA

Square

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



56B9B6



99A8DF



E1959E



B0AC74

Rectangle

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



56B9B6



64B3DB



E1959E



D1A079

Sweetspot

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



56B9B6



C9F0EF



59B956



617877



F7F7F7



787878

Same Dimension

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



56B9B6



56F0EB



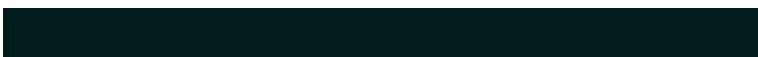
568BB9



535C5C



009C97



001C1B

Inverse Universe

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



B95659



F0565B



B98456



5C5353



9C0005



1C0001

Previews

White Background



This preview shows how the Hex color 56B9B6 looks on a white background.

Color Contrast Check

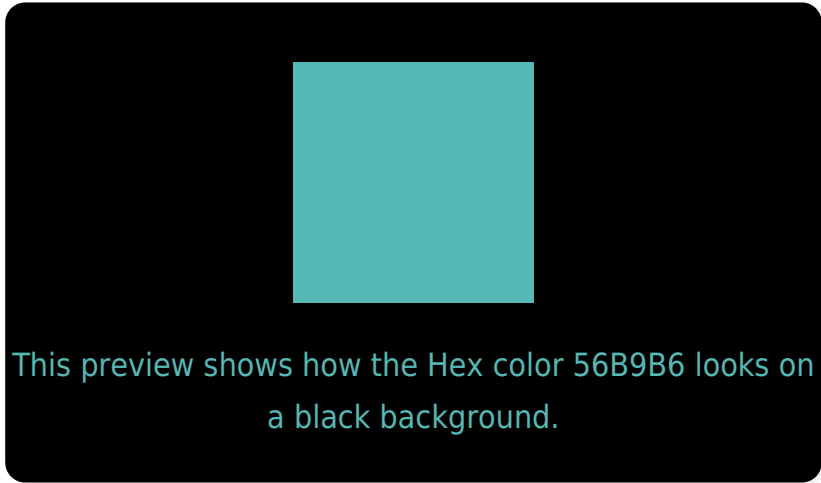
Large Text (above 18pt) WCAG AA × Fail

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

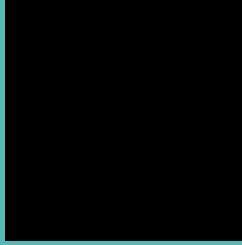
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

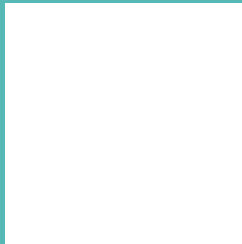
Any Text WCAG AAA ✓ Pass

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

Hex 56B9B6 Background



This preview shows how black text looks on a background with the Hex color 56B9B6.

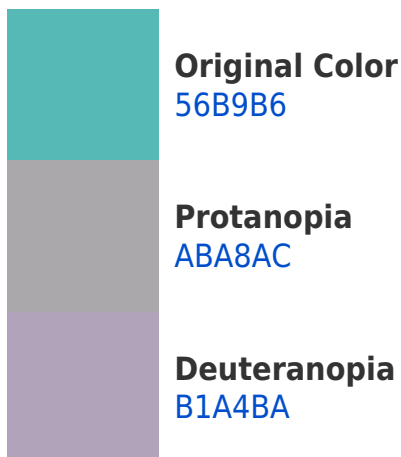


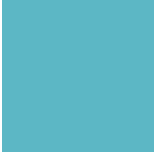
This preview shows how white text looks on a background with the Hex color 56B9B6.

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



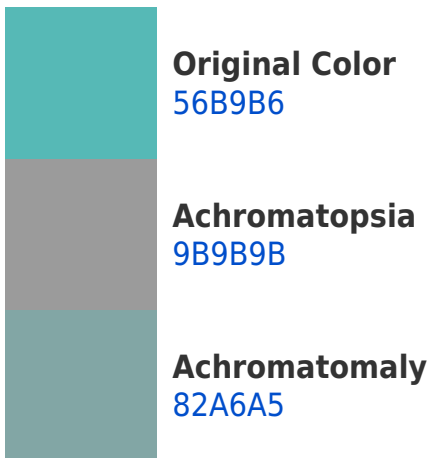


Tritanopia
5CB7C5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 56B9B6 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 #56B9B6 looks like.

```
.text, #text, p{  
    color:#56B9B6  
}
```

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 #56B9B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56B9B6
}
```

Border

The CSS property to change the border of an element to Hex 56B9B6 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
#56B9B6 }
```

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

```
.border{ border-color:#56B9B6 }
```

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

Here you see how a box with a 4 pixel #56B9B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56B9B6; -webkit-box-shadow:4px 4px  
4px 4px #56B9B6; box-shadow:4px 4px 4px  
4px #56B9B6 }
```

Background

The CSS property to change the background color of an element to Hex 56B9B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56B9B6 }
```

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

```
.background{ background-color:#56B9B6 }
```

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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