

# Converting Colors

Hex(56A9B6)

Have a look what the booklet for  
Hex(56A9B6) contains.

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**Color**

**Hex(56A9B6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	56A9B6
RGB	86, 169, 182
RGB Percent	34%, 66%, 71%
CMY	0.6627, 0.3373, 0.2863
CMYK	0.53, 0.07, 0.00, 0.29
HSL	188°, 40%, 53%
HSV	188°, 53%, 71%
XYZ	26.4692, 33.7318, 49.3718
YIQ	145.6650, -53.6410, -13.5530

# Conversions

## Conversions Part 2

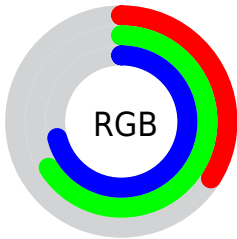
Format	Color
<a href="#">RYB</a>	<a href="#">86, 131, 182</a>
Decimal	<a href="#">5679542</a>
CIELab	<a href="#">64.75, -21.54, -14.43</a>
CIELCh	<a href="#">65, 25.927, 213.816</a>
Yxy	<a href="#">33.7318, 0.2416, 0.3078</a>
Android (android.graphics.Color)	<a href="#">4283869622</a> ( <a href="#">0xFF56A9B6</a> )
YUV	<a href="#">145.6650, 17.9132, -52.3262</a>
Hunter-Lab	<a href="#">58.0791, -20.2879, -9.7458</a>

# Details

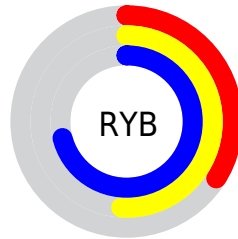
The Hex color **56A9B6** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **B66356**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **8FE0EE**, and **137581** is the 20% darker color. If you saturate the color by 10%, you get **44A7B6**, and if you desaturate by 10%, it is **68ABB6**.

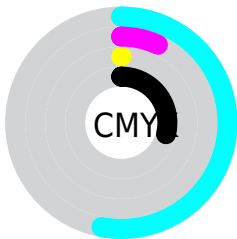
# Distribution



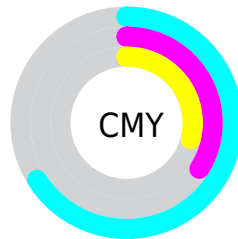
- Red (34%)
- Green (66%)
- Blue (71%)



- Red (34%)
- Yellow (51%)
- Blue (71%)



- Cyan (53%)
- Magenta (7%)
- Yellow (0%)
- Black (29%)



- Cyan (66%)
- Magenta (34%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 56A9B6 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 56A9B6 by changing the saturation by 10% instead.



 56A9B6

 56A9B6

FFFFFF

 388E9B

 8FE0EE

 137581

 ABFDFF

 005C68

 C8FFFF

 004450

 E5FFFF

 002D39

 001A23

 00010D

 000000

 56A9B6

 56A9B6

■ 44A7B6

■ 68ABB6

■ 32A4B6

■ 7AAEB6

■ 1FA2B6

■ 8DB0B6

■ 0D9FB6

■ 9FB3B6

■ 009DB6

■ B1B5B6

■ C3B8B6

■ D5BAB6

■ E8BDB6

■ FABFB6

# Harmonies

## Analogous

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



5FAA9F



56A9B6



65A5C6

# Triad

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



56A9B6



BD8FB2



AB9D6F

# Complementary

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



56A9B6



B66356

# 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.



BF9574



56A9B6



CA8C9B

# Square

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



56A9B6



A496C4



CA8E84



92A376

# Rectangle

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



56A9B6



79A1CB



CA8E84



B29A6F



# Sweetspot

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



56A9B6



C7E8ED



56B663



617578



F7F7F7



787878



# Same Dimension

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



56A9B6



58D9ED



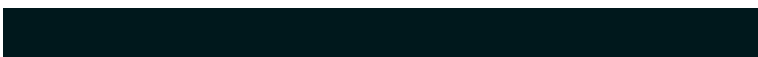
5679B6



535B5C



00869C



00181C



# Inverse Universe

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



B656A9



ED58D9



B69356



5C535B



9C0086

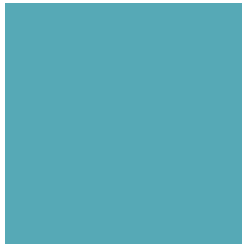


1C0018



# Previews

## White Background



This preview shows how the Hex color 56A9B6 looks on a white background.

## Color Contrast Check

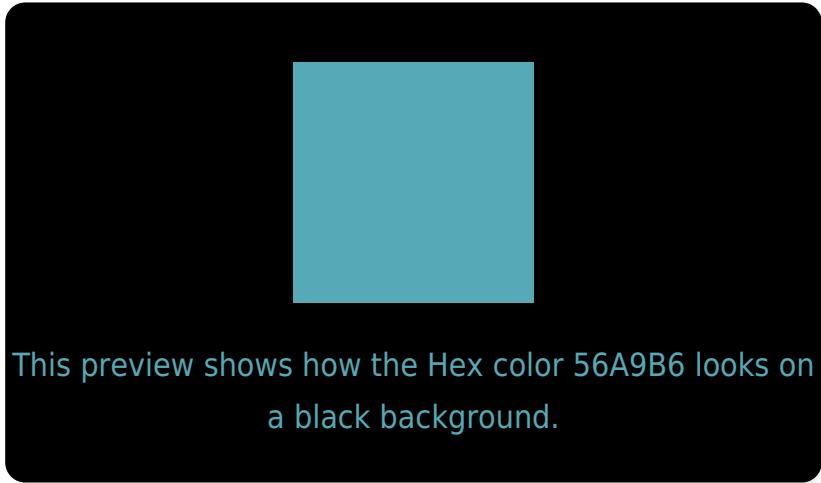
Large Text (above 18pt) WCAG AA × Fail

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

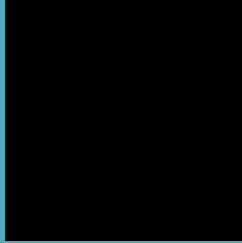
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

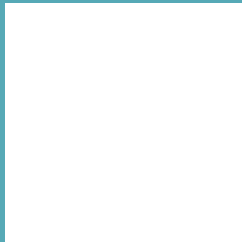
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 56A9B6 Background



This preview shows how black text looks on a background with the Hex color 56A9B6.

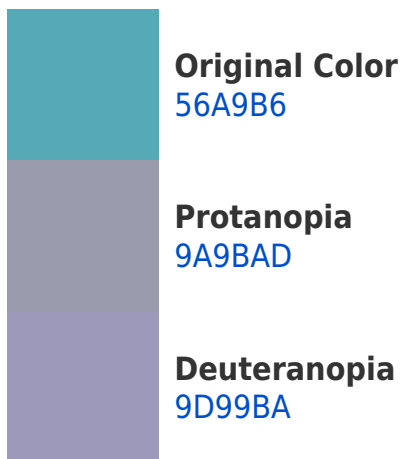


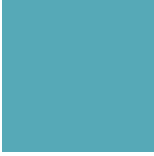
This preview shows how white text looks on a background with the Hex color 56A9B6.

# 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](#).

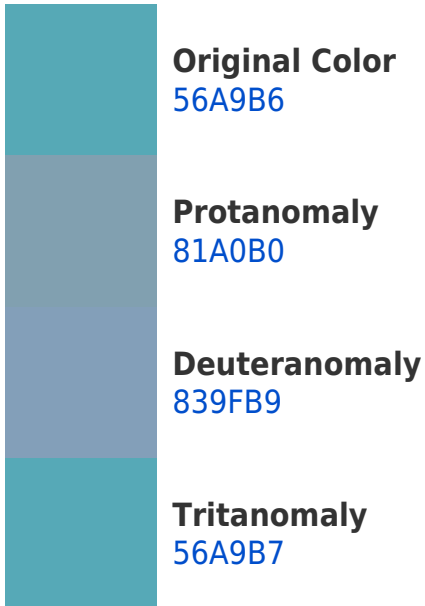
## Dichromacy





**Tritanopia**  
56A9B7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 56A9B6 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 #56A9B6 looks like.

```
.text, #text, p{  
    color:#56A9B6  
}
```

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 #56A9B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56A9B6
}
```

## Border

The CSS property to change the border of an element to Hex 56A9B6 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
#56A9B6 }
```

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

```
.border{ border-color:#56A9B6 }
```

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

Here you see how a box with a 4 pixel #56A9B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56A9B6; -webkit-box-shadow:4px 4px  
4px 4px #56A9B6; box-shadow:4px 4px 4px  
4px #56A9B6 }
```

# Background

The CSS property to change the background color of an element to Hex 56A9B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56A9B6 }
```

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

```
.background{ background-color:#56A9B6 }
```

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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