

# Converting Colors

Hex(56AD96)

Have a look what the booklet for  
Hex(56AD96) contains.

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**Color**

**Hex(56AD96)**

# Conversions

## Conversions Part 1

Format	Color
Hex	56AD96
RGB	86, 173, 150
RGB Percent	34%, 68%, 59%
CMY	0.6627, 0.3216, 0.4118
CMYK	0.50, 0.00, 0.13, 0.32
HSL	164°, 35%, 51%
HSV	164°, 50%, 68%
XYZ	24.2863, 34.0676, 34.1498
YIQ	144.3650, -44.4690, -25.5970

# Conversions

## Conversions Part 2

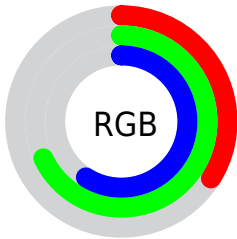
<b>Format</b>	<b>Color</b>
<b>RYB</b>	86, 136, 173
Decimal	5680534
CIELab	65.02, -31.93, 3.80
CIElCh	65, 32.151, 173.217
Yxy	34.0676, 0.2625, 0.3683
Android (android.graphics.Color)	4283870614 (0xFF56AD96)
YUV	144.3650, 2.7781, -51.1861
Hunter-Lab	58.3674, -27.8702, 6.1676

# Details

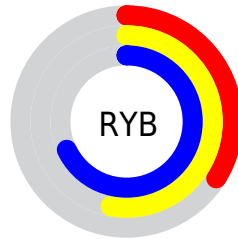
The Hex color **56AD96** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **AD566D**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **8DE5CC**, and **197863** is the 20% darker color. If you saturate the color by 10%, you get **45AD91**, and if you desaturate by 10%, it is **67AD9B**.

# Distribution



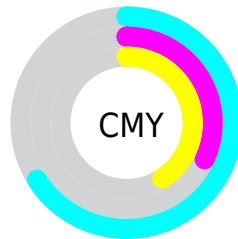
- Red (34%)
- Green (68%)
- Blue (59%)



- Red (34%)
- Yellow (53%)
- Blue (68%)



- Cyan (50%)
- Magenta (0%)
- Yellow (13%)
- Black (32%)



- Cyan (66%)
- Magenta (32%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 56AD96 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 56AD96 by changing the saturation by 10% instead.



 56AD96

 56AD96

FFFFFF

 3A927C

 8DE5CC

 197863

 A9FFE8

 005F4B

 C6FFFF

 004735

 E3FFFF

 002F20

 001A08

 000000

 56AD96

 56AD96

 45AD91

 67AD9B

■ 33AD8D

■ 79AD9F

■ 22AD88

■ 8AADA4

■ 11AD84

■ 9BADA8

■ 00AD7F

■ ADADAD

■ BEADB1

■ CFADB6

■ E0ADBB

■ F2ADBF

# Harmonies

## Analogous

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



79AA7A



56AD96



39ADB3

# Triad

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



56AD96



9899D2



CD9071

# Complementary

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



56AD96



AD566D

# 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.



D78989



56AD96



BC8FC1

# Square

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



56AD96



6CA3D6



D188A6



B79A65

# Rectangle

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



56AD96



39ABC4



D188A6



D18D78



# Sweetspot

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



56AD96



BFE0D8



6DAD56



5C706B



F0F0F0



707070



# Same Dimension

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



56AD96



5AE0BD



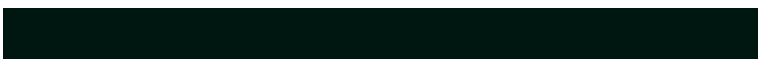
5699AD



4E5754



00966F



001711



# Inverse Universe

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



AD566D



E05A7D



AD6A56



574E50



960028



170006



# Previews

## White Background



This preview shows how the Hex color 56AD96 looks on a white background.

## Color Contrast Check

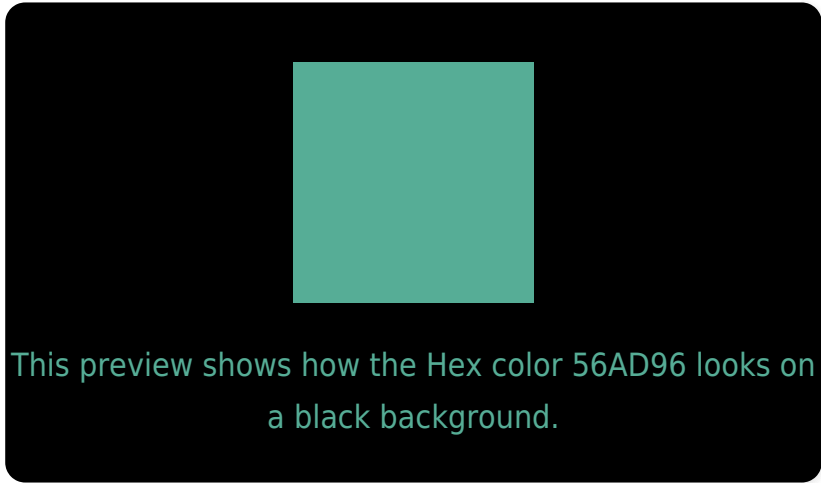
Large Text (above 18pt) WCAG AA × Fail

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

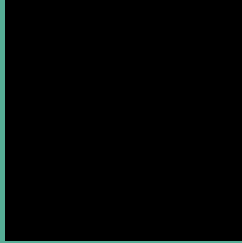
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 56AD96 Background



This preview shows how black text looks on a background with the Hex color 56AD96.

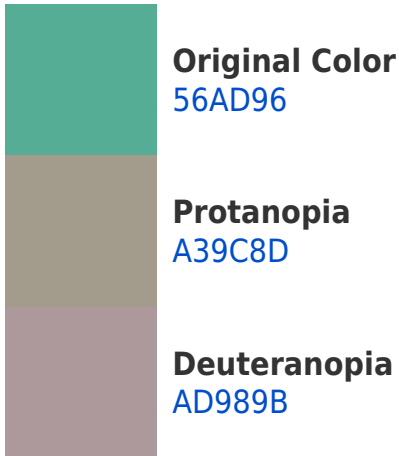


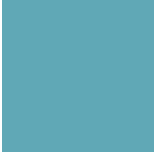
This preview shows how white text looks on a background with the Hex color 56AD96.

# 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](#).

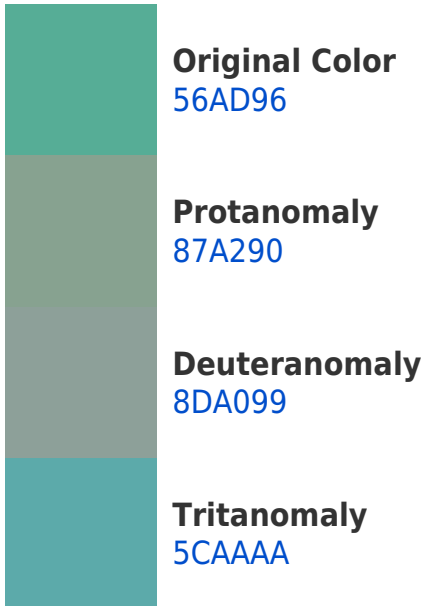
## Dichromacy





**Tritanopia**  
60A8B6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 56AD96 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 #56AD96 looks like.

```
.text, #text, p{  
    color:#56AD96  
}
```

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 #56AD96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56AD96
}
```

## Border

The CSS property to change the border of an element to Hex 56AD96 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
#56AD96 }
```

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

```
.border{ border-color:#56AD96 }
```

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

Here you see how a box with a 4 pixel #56AD96 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56AD96; -webkit-box-shadow:4px 4px  
4px 4px #56AD96; box-shadow:4px 4px 4px  
4px #56AD96 }
```

# Background

The CSS property to change the background color of an element to Hex 56AD96 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56AD96 }
```

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

```
.background{ background-color:#56AD96 }
```

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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