

Converting Colors

Hex(56AC90)

Have a look what the booklet for
Hex(56AC90) contains.

Hex(56AC90)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(56AC90)

Conversions

Conversions Part 1

Format	Color
Hex	56AC90
RGB	86, 172, 144
RGB Percent	34%, 67%, 56%
CMY	0.6627, 0.3255, 0.4353
CMYK	0.50, 0.00, 0.16, 0.33
HSL	160°, 34%, 51%
HSV	160°, 50%, 67%
XYZ	23.6243, 33.4971, 31.6060
YIQ	143.0940, -42.2680, -26.9400

Conversions

Conversions Part 2

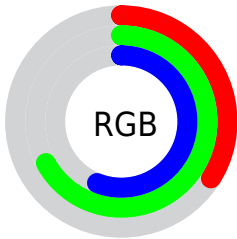
Format	Color
RYB	86, 137, 172
Decimal	5680272
CIELab	64.56, -32.88, 6.48
CIELCh	65, 33.507, 168.858
Yxy	33.4971, 0.2663, 0.3775
Android (android.graphics.Color)	4283870352 (0xFF56AC90)
YUV	143.0940, 0.4467, -50.0714
Hunter-Lab	57.8767, -28.4234, 8.1359

Details

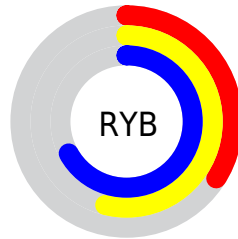
The Hex color **56AC90** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **AC5672**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **8DE4C6**, and **1A775E** is the 20% darker color. If you saturate the color by 10%, you get **45AC8A**, and if you desaturate by 10%, it is **67AC96**.

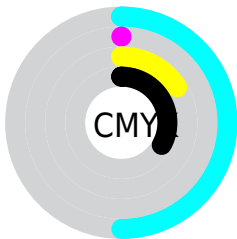
Distribution



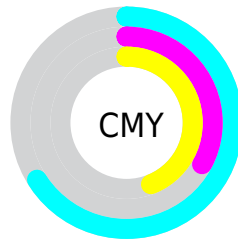
- Red (34%)
- Green (67%)
- Blue (56%)



- Red (34%)
- Yellow (54%)
- Blue (67%)



- Cyan (50%)
- Magenta (0%)
- Yellow (16%)
- Black (33%)



- Cyan (66%)
- Magenta (33%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 56AC90 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 56AC90 by changing the saturation by 10% instead.

 56AC90

 56AC90

FFFFFF

 3A9176

 8DE4C6

 1A775E

 A9FFE2

 005E46

 C6FFFE

 004630

 E3FFFF

 002E1B

 001900

 000000

 56AC90

 56AC90

 45AC8A

 67AC96

■ 34AC85

■ 78AC9B

■ 22AC7F

■ 8AACA1

■ 11AC7A

■ 9BACA6

■ 00AC74

■ ACACAC

■ BDACB2

■ CEACB7

■ E0ACBD

■ F1ACC2

Harmonies

Analogous

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



7BA874



56AC90



32ADAF

Triad

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



56AC90



9099D5



CF8D71

Complementary

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



56AC90



AC5672

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.



D8868B



56AC90



B78EC4

Square

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



56AC90



60A3D7



D087A9



BB9762

Rectangle

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



56AC90



2BABC1



D087A9



D48A78

Sweetspot

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



56AC90



BFE0D5



73AC56



5C706A



F0F0F0



707070

Same Dimension

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



56AC90



5AE0B5



569EAC



4E5754



009665



00170F

Inverse Universe

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



AC5672



E05A86



AC6456



574E51



960031



170007

Previews

White Background



This preview shows how the Hex color 56AC90 looks on a white background.

Color Contrast Check

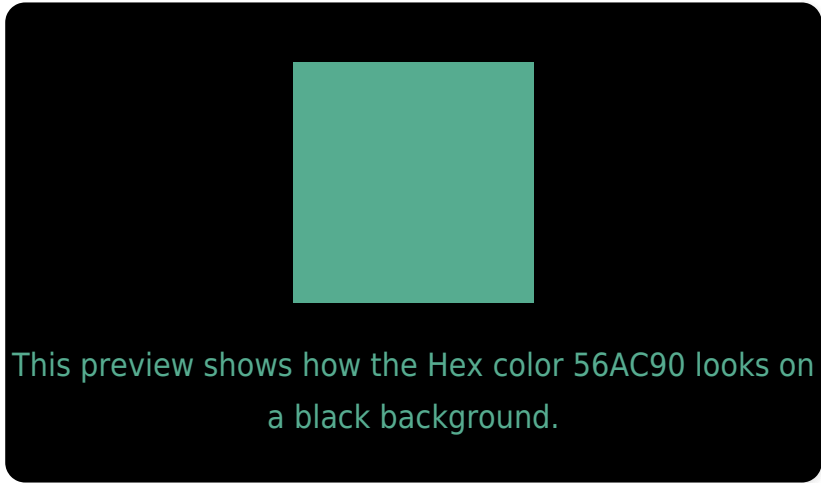
Large Text (above 18pt) WCAG AA × Fail

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

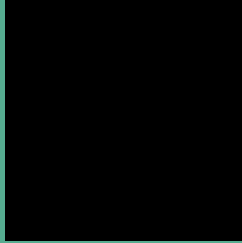
Any Text WCAG AA ✓ Pass

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 56AC90 Background



This preview shows how black text looks on a background with the Hex color 56AC90.

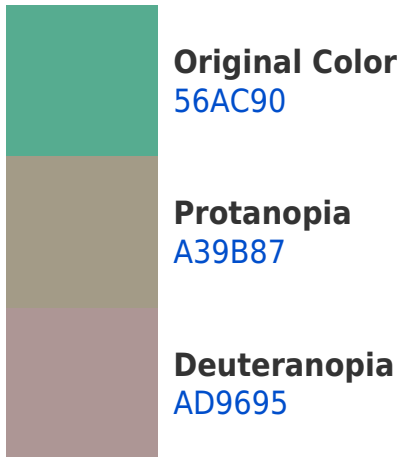


This preview shows how white text looks on a background with the Hex color 56AC90.

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](#).

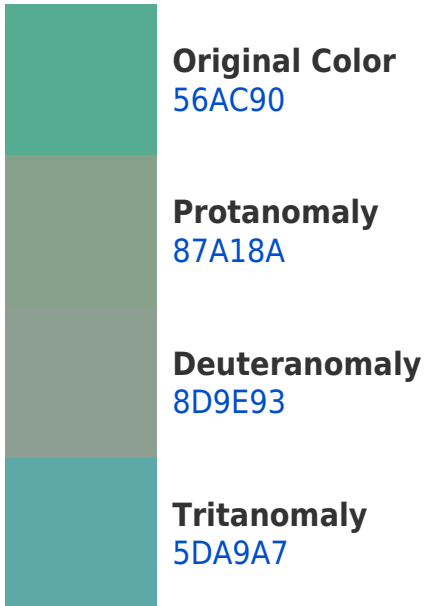
Dichromacy



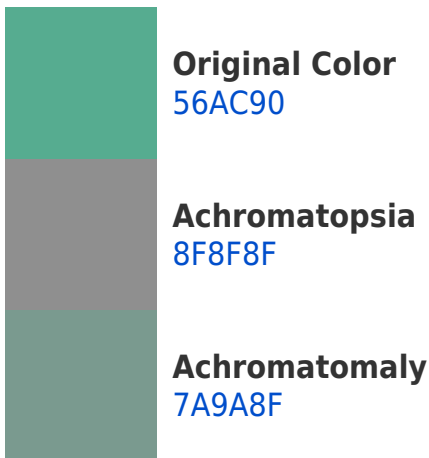


Tritanopia
61A7B4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 56AC90 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 #56AC90 looks like.

```
.text, #text, p{  
    color:#56AC90  
}
```

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 #56AC90 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56AC90
}
```

Border

The CSS property to change the border of an element to Hex 56AC90 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
#56AC90 }
```

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

```
.border{ border-color:#56AC90 }
```

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

Here you see how a box with a 4 pixel #56AC90 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56AC90; -webkit-box-shadow:4px 4px  
4px 4px #56AC90; box-shadow:4px 4px 4px  
4px #56AC90 }
```

Background

The CSS property to change the background color of an element to Hex 56AC90 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56AC90 }
```

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

```
.background{ background-color:#56AC90 }
```

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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