

Converting Colors

Hex(56AC91)

Have a look what the booklet for
Hex(56AC91) contains.

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Color

Hex(56AC91)

Conversions

Conversions Part 1

Format	Color
Hex	56AC91
RGB	86, 172, 145
RGB Percent	34%, 67%, 57%
CMY	0.6627, 0.3255, 0.4314
CMYK	0.50, 0.00, 0.16, 0.33
HSL	161°, 34%, 51%
HSV	161°, 50%, 67%
XYZ	23.7011, 33.5278, 32.0104
YIQ	143.2080, -42.5890, -26.6290

Conversions

Conversions Part 2

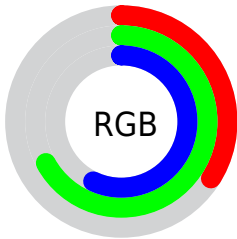
Format	Color
RYB	86, 137, 172
Decimal	5680273
CIELab	64.59, -32.64, 5.96
CIELCh	65, 33.180, 169.661
Yxy	33.5278, 0.2656, 0.3757
Android (android.graphics.Color)	4283870353 (0xFF56AC91)
YUV	143.2080, 0.8835, -50.1714
Hunter-Lab	57.9032, -28.2665, 7.7552

Details

The Hex color **56AC91** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **AC5671**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **8DE4C7**, and **1A775F** is the 20% darker color. If you saturate the color by 10%, you get **45AC8C**, and if you desaturate by 10%, it is **67AC96**.

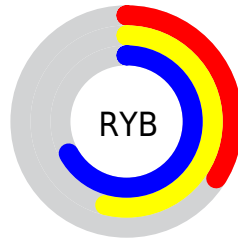
Distribution



Red (34%)

Green (67%)

Blue (57%)



Red (34%)

Yellow (54%)

Blue (67%)

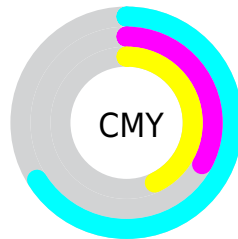


Cyan (50%)

Magenta (0%)

Yellow (16%)

Black (33%)



Cyan (66%)

Magenta (33%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 56AC91 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 56AC91 by changing the saturation by 10% instead.

 56AC91

 56AC91

FFFFFF

 3A9177

 8DE4C7

 1A775F

 A9FFE3

 005E47

 C6FFFF

 004631

 E3FFFF

 002E1C

 001901

 000000

 56AC91

 56AC91

 45AC8C


 67AC96

 34AC86

 78AC9C

 22AC81

 8AACA1

 11AC7B

 9BACA7

 00AC76

 ACACAC

 BDACB1

 CEACB7

 E0ACBC

 F1ACC2

Harmonies

Analogous

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



7BA875



56AC91



33ADB0

Triad

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



56AC91



9299D4



CF8D71

Complementary

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



56AC91



AC5671

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.



D7878A



56AC91



B88EC3

Square

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



56AC91



62A3D6



D087A8



BA9762

Rectangle

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



56AC91



2EABC1



D087A8



D38A78

Sweetspot

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



56AC91



BFE0D6



71AC56



5C706A



F0F0F0



707070

Same Dimension

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



56AC91



5AE0B6



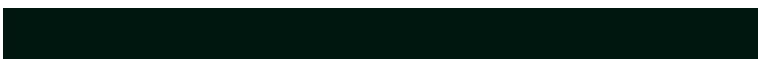
569CAC



4E5754



009667



001710

Inverse Universe

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



AC5671



E05A84



AC6656



574E51



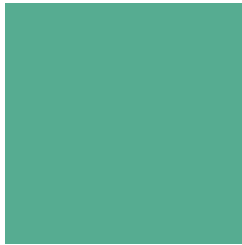
96002F



170007

Previews

White Background



This preview shows how the Hex color 56AC91 looks on a white background.

Color Contrast Check

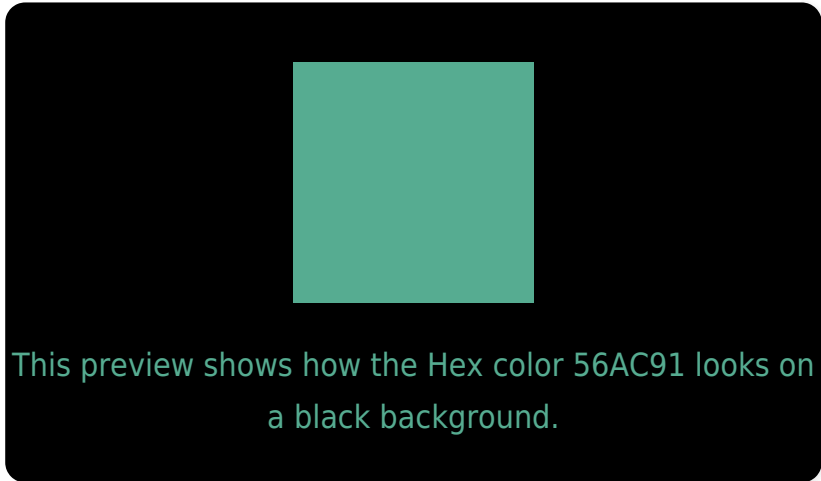
Large Text (above 18pt) WCAG AA × Fail

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

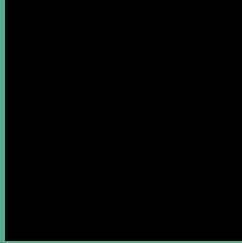
Any Text WCAG AA ✓ Pass

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 56AC91 Background



This preview shows how black text looks on a background with the Hex color 56AC91.

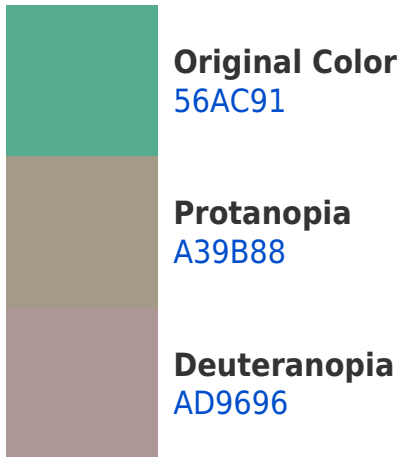


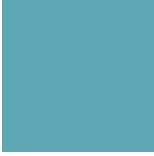
This preview shows how white text looks on a background with the Hex color 56AC91.

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](#).

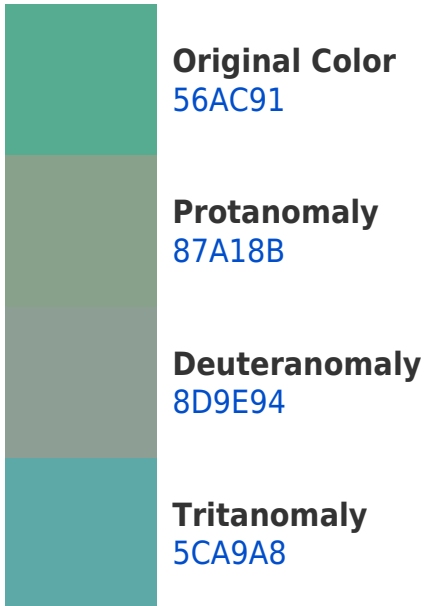
Dichromacy



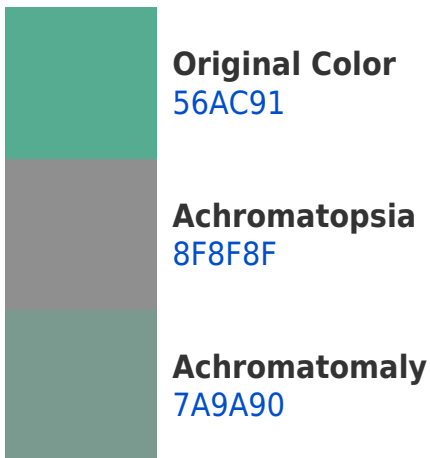


Tritanopia
60A7B5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 56AC91 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 #56AC91 looks like.

```
.text, #text, p{  
    color:#56AC91  
}
```

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 #56AC91 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56AC91
}
```

Border

The CSS property to change the border of an element to Hex 56AC91 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
#56AC91 }
```

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

```
.border{ border-color:#56AC91 }
```

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

Here you see how a box with a 4 pixel #56AC91 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56AC91; -webkit-box-shadow:4px 4px  
4px 4px #56AC91; box-shadow:4px 4px 4px  
4px #56AC91 }
```

Background

The CSS property to change the background color of an element to Hex 56AC91 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56AC91 }
```

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

```
.background{ background-color:#56AC91 }
```

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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