

Converting Colors

Hex(56AC58)

Have a look what the booklet for
Hex(56AC58) contains.

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Color

Hex(56AC58)

Conversions

Conversions Part 1

Format	Color
Hex	56AC58
RGB	86, 172, 88
RGB Percent	34%, 67%, 35%
CMY	0.6627, 0.3255, 0.6549
CMYK	0.50, 0.00, 0.49, 0.33
HSL	121°, 34%, 51%
HSV	121°, 50%, 67%
XYZ	20.3517, 32.1881, 14.3728
YIQ	136.7100, -24.2920, -44.3560

Conversions

Conversions Part 2

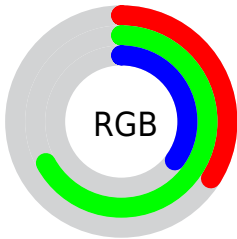
Format	Color
RYB	86, 170, 172
Decimal	5680216
CIELab	63.50, -43.54, 35.23
CIELCh	63, 56.006, 141.018
Yxy	32.1881, 0.3042, 0.4810
Android (android.graphics.Color)	4283870296 (0xFF56AC58)
YUV	136.7100, -24.0140, -44.4727
Hunter-Lab	56.7345, -35.2542, 24.6940

Details

The Hex color **56AC58** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **AC56AA**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **8DE48B**, and **197727** is the 20% darker color. If you saturate the color by 10%, you get **45AC47**, and if you desaturate by 10%, it is **67AC69**.

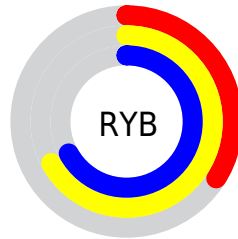
Distribution



Red (34%)

Green (67%)

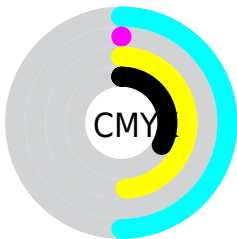
Blue (35%)



Red (34%)

Yellow (67%)

Blue (67%)

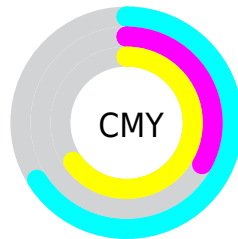


Cyan (50%)

Magenta (0%)

Yellow (49%)

Black (33%)



Cyan (66%)

Magenta (33%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 56AC58 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 56AC58 by changing the saturation by 10% instead.

 56AC58

 56AC58

FFFFFF

 3A913F

 8DE48B

 197727

 A9FFA6

 005D0E

 C6FFC2

 004500

 E3FFDE

 002E00

 FFFFFB

 001500

 000000

 56AC58

 56AC58

 45AC47

 67AC69

 34AC36

 78AC7A

 22AC26

 8AAC8A

 11AC15

 9BAC9B

 00AC04

 ACACAC

 BDACBD

 CEACCE

 E0ACDE

 F1ACEF

Harmonies

Analogous

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



93A235



56AC58



00B189

Triad

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



56AC58



00A4FC



F56F79

Complementary

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



56AC58



AC56AA

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.



ED6EAB



56AC58



8193F7

Square

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



56AC58



00AEE6



C87ED9



E47F4D

Rectangle

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



56AC58



00B2AB



C87ED9



F66D89

Sweetspot

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



56AC58



BFE0C0



ABAC56



5C705C



F0F0F0



707070

Same Dimension

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



56AC58



5AE05D



56AC82



4E574E



009603



001701

Inverse Universe

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



AC56AA



E05ADD



AC5680



574E56



960093



170016

Previews

White Background



This preview shows how the Hex color 56AC58 looks on a white background.

Color Contrast Check

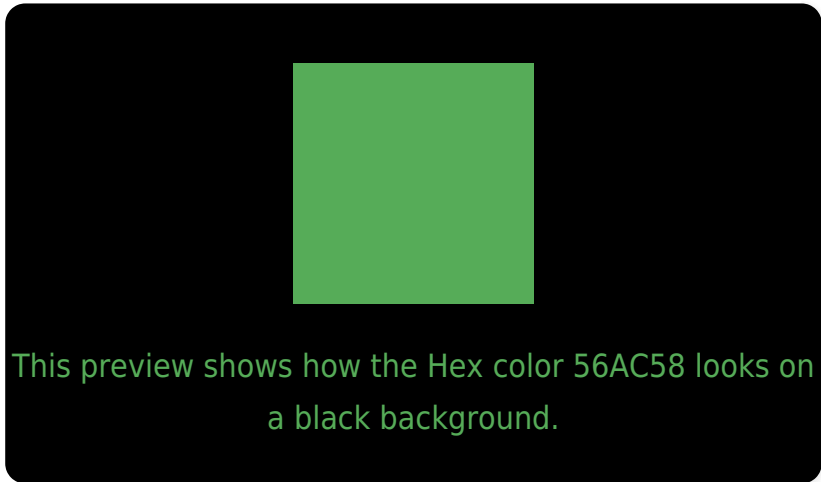
Large Text (above 18pt) WCAG AA × Fail

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 56AC58 Background



This preview shows how black text looks on a background with the Hex color 56AC58.

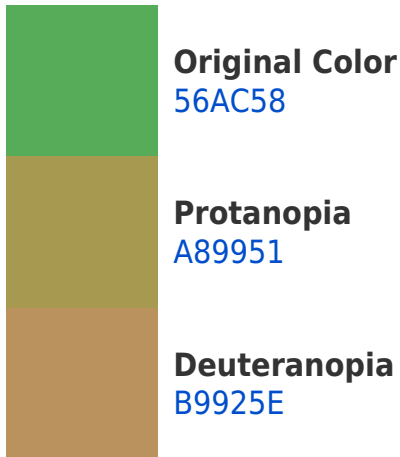


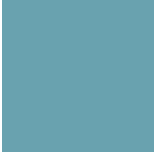
This preview shows how white text looks on a background with the Hex color 56AC58.

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](#).

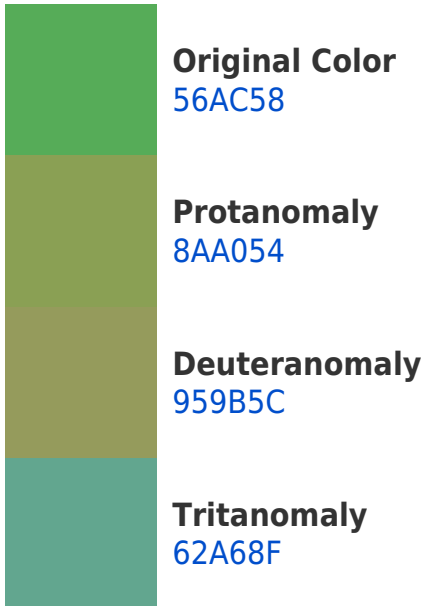
Dichromacy





Tritanopia
69A2AF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 56AC58 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 #56AC58 looks like.

```
.text, #text, p{  
    color:#56AC58  
}
```

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 #56AC58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56AC58
}
```

Border

The CSS property to change the border of an element to Hex 56AC58 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
#56AC58 }
```

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

```
.border{ border-color:#56AC58 }
```

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

Here you see how a box with a 4 pixel #56AC58 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56AC58; -webkit-box-shadow:4px 4px  
4px 4px #56AC58; box-shadow:4px 4px 4px  
4px #56AC58 }
```

Background

The CSS property to change the background color of an element to Hex 56AC58 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56AC58 }
```

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

```
.background{ background-color:#56AC58 }
```

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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