

Converting Colors

Hex(56A56C)

Have a look what the booklet for
Hex(56A56C) contains.

Hex(56A56C)	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(56A56C)

Conversions

Conversions Part 1

Format	Color
Hex	56A56C
RGB	86, 165, 108
RGB Percent	34%, 65%, 42%
CMY	0.6627, 0.3529, 0.5765
CMYK	0.48, 0.00, 0.35, 0.35
HSL	137°, 31%, 49%
HSV	137°, 48%, 65%
XYZ	19.9997, 29.9714, 18.9183
YIQ	134.8810, -28.7870, -34.4750

Conversions

Conversions Part 2

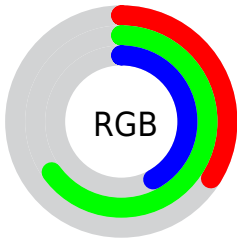
Format	Color
RYB	86, 148, 165
Decimal	5678444
CIELab	61.63, -37.22, 22.24
CIELCh	62, 43.357, 149.136
Yxy	29.9714, 0.2903, 0.4351
Android (android.graphics.Color)	4283868524 (0xFF56A56C)
YUV	134.8810, -13.2523, -42.8686
Hunter-Lab	54.7462, -30.5968, 17.8338

Details

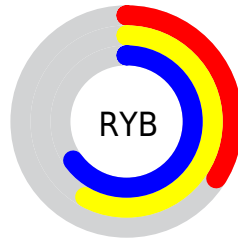
The Hex color **56A56C** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A5568F**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **8CDDA0**, and **1D703C** is the 20% darker color. If you saturate the color by 10%, you get **46A560**, and if you desaturate by 10%, it is **67A578**.

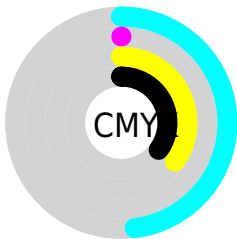
Distribution



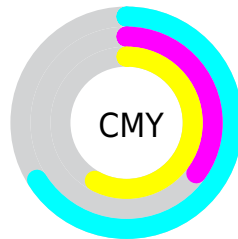
- Red (34%)
- Green (65%)
- Blue (42%)



- Red (34%)
- Yellow (58%)
- Blue (65%)



- Cyan (48%)
- Magenta (0%)
- Yellow (35%)
- Black (35%)



- Cyan (66%)
- Magenta (35%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 56A56C 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 56A56C by changing the saturation by 10% instead.



56A56C



56A56C

FFFFFF



3B8A53



8CDDA0



1D703C



A8F9BB



005725



C4FFD7



003F10



E1FFF3



002900

FEFFFF



000B00



000000



56A56C



56A56C



46A560



67A578

 35A554

 77A584

 24A548

 88A590

 14A53C

 98A59C

 04A530

 A9A5A8

 00A52E

 B9A5B3

 C9A5BF

 DAA5CB

 EBA5D7

Harmonies

Analogous

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



869E4F



56A56C



00A892

Triad

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



56A56C



5099E1



DC7972

Complementary

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



56A56C



A5568F

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.



DA7598



56A56C



968BD8

Square

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



56A56C



00A3D6



C37DBD



CB8454

Rectangle

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



56A56C



00A8AD



C37DBD



DE767E

Sweetspot

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



56A56C



B8D6C1



90A556



596B5E



EBEBEB



6B6B6B

Same Dimension

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



56A56C



5CD67E



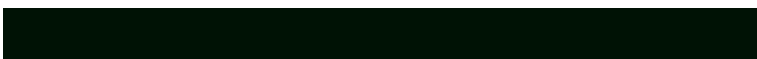
56A593



49524C



009128



001205

Inverse Universe

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



A5568F



D65CB4



A55668



52494F



910069



12000D

Previews

White Background



This preview shows how the Hex color 56A56C looks on a white background.

Color Contrast Check

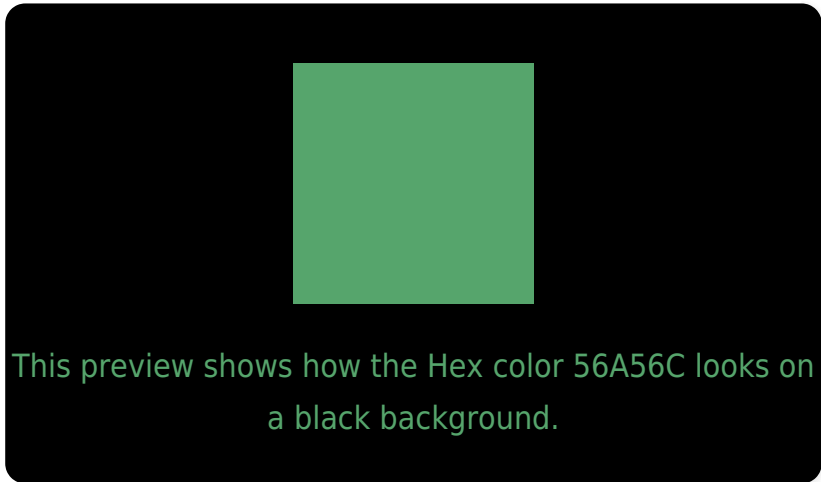
Large Text (above 18pt) WCAG AA ✓ Pass

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

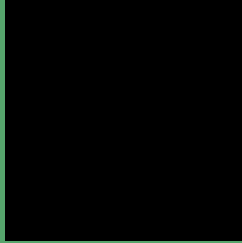
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 56A56C Background



This preview shows how black text looks on a background with the Hex color 56A56C.

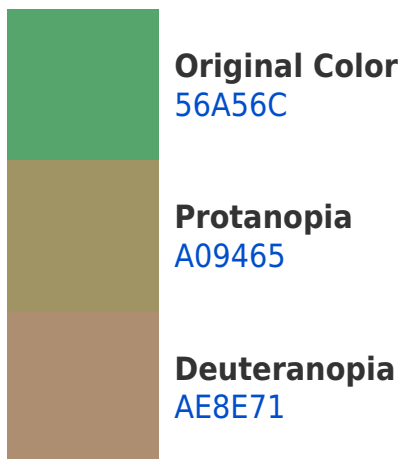


This preview shows how white text looks on a background with the Hex color 56A56C.

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](#).

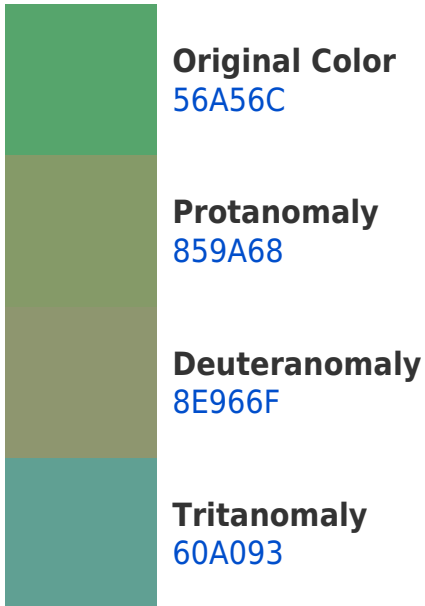
Dichromacy



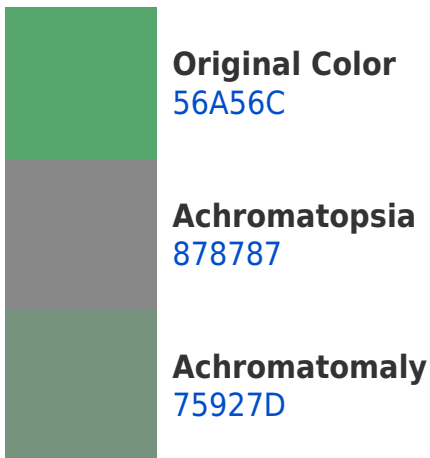


Tritanopia
659DAA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 56A56C 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 #56A56C looks like.

```
.text, #text, p{  
    color:#56A56C  
}
```

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 #56A56C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56A56C
}
```

Border

The CSS property to change the border of an element to Hex 56A56C 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
#56A56C }
```

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

```
.border{ border-color:#56A56C }
```

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

Here you see how a box with a 4 pixel #56A56C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56A56C; -webkit-box-shadow:4px 4px  
4px 4px #56A56C; box-shadow:4px 4px 4px  
4px #56A56C }
```

Background

The CSS property to change the background color of an element to Hex 56A56C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56A56C }
```

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

```
.background{ background-color:#56A56C }
```

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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