

Converting Colors

Hex(558A56)

Have a look what the booklet for
Hex(558A56) contains.

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Color

Hex(558A56)

Conversions

Conversions Part 1

Format	Color
Hex	558A56
RGB	85, 138, 86
RGB Percent	33%, 54%, 34%
CMY	0.6667, 0.4588, 0.6627
CMYK	0.38, 0.00, 0.38, 0.46
HSL	121°, 24%, 44%
HSV	121°, 38%, 54%
XYZ	14.5145, 20.7801, 12.0501
YIQ	116.2250, -14.8960, -27.4080

Conversions

Conversions Part 2

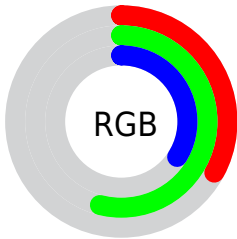
Format	Color
RYB	85, 137, 138
Decimal	5605974
CIELab	52.71, -28.90, 22.44
CIELCh	53, 36.590, 142.173
Yxy	20.7801, 0.3066, 0.4389
Android (android.graphics.Color)	4283796054 (0xFF558A56)
YUV	116.2250, -14.9009, -27.3843
Hunter-Lab	45.5852, -22.9391, 16.2369

Details

The Hex color **558A56** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8A5589**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **89C088**, and **235828** is the 20% darker color. If you saturate the color by 10%, you get **478A48**, and if you desaturate by 10%, it is **638A64**.

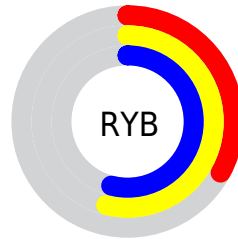
Distribution



Red (33%)

Green (54%)

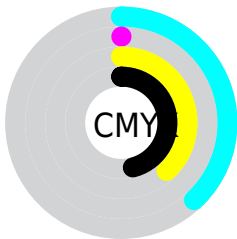
Blue (34%)



Red (33%)

Yellow (54%)

Blue (54%)

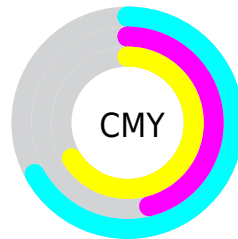


Cyan (38%)

Magenta (0%)

Yellow (38%)

Black (46%)



Cyan (67%)

Magenta (46%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 558A56 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 558A56 by changing the saturation by 10% instead.



558A56



558A56

FFFFFF



3C703E



89C088



235828



A4DCA3



054012



C0F9BE



002900



DCFFDA



001100



F9FFF6



000000



558A56



558A56



478A48



638A64



398A3B



718A71

 2C8A2D

 7E8A7F

 1E8A20

 8C8A8C

 108A12

 9A8A9A

 028A05

 A88AA7

 008A03

 B68AB5

 C38AC2

 D18AD0

Harmonies

Analogous

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



7A8342



558A56



1F8E74

Triad

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



558A56



3783BC



BA6568

Complementary

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



558A56



8A5589

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.



B46587



558A56



7479B8

Square

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



558A56



008BAF



9D6DA5



AF6E4D

Rectangle

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



558A56



008E8A



9D6DA5



BA6472

Sweetspot

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



558A56



9DB39D



898A55



4D594D



D9D9D9



595959

Same Dimension

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



558A56



60B362



558A70



3E453E



008503



000500

Inverse Universe

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



8A5589



B360B1



8A556F



453E45



850082



050005

Previews

White Background



This preview shows how the Hex color 558A56 looks on a white background.

Color Contrast Check

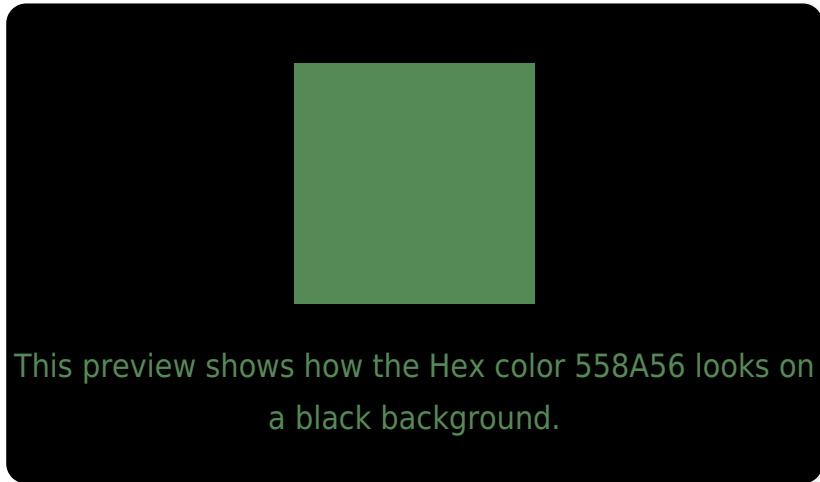
Large Text (above 18pt) WCAG AA ✓ Pass

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

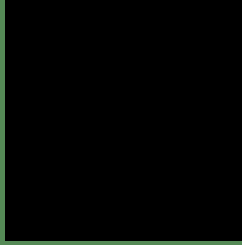
Any Text WCAG AA ✓ Pass

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 558A56 Background



This preview shows how black text looks on a background with the Hex color 558A56.

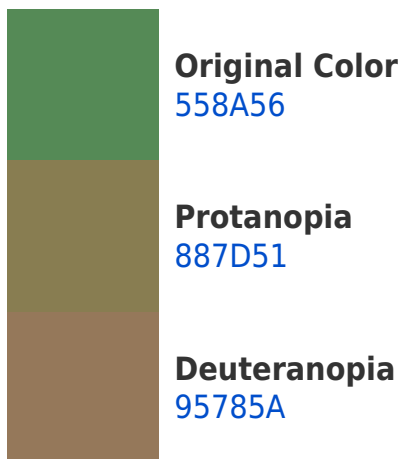


This preview shows how white text looks on a background with the Hex color 558A56.

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](#).

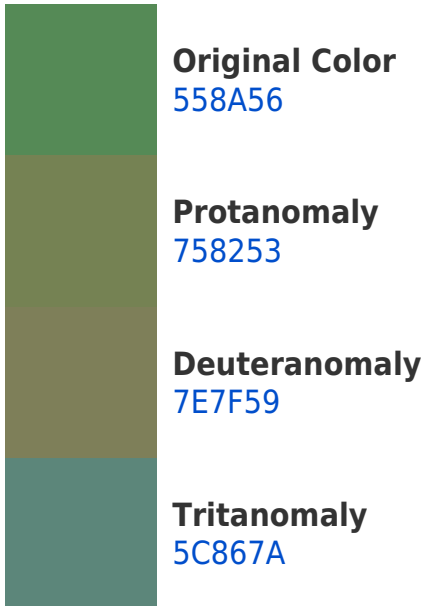
Dichromacy



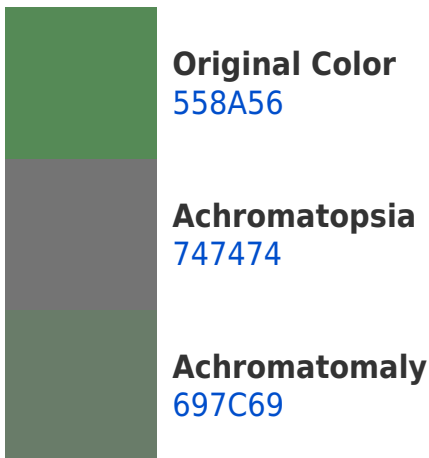


Tritanopia
60838E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 558A56 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 #558A56 looks like.

```
.text, #text, p{  
    color:#558A56  
}
```

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 #558A56 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #558A56
}
```

Border

The CSS property to change the border of an element to Hex 558A56 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
#558A56 }
```

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

```
.border{ border-color:#558A56 }
```

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

Here you see how a box with a 4 pixel #558A56 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #558A56; -webkit-box-shadow:4px 4px  
4px 4px #558A56; box-shadow:4px 4px 4px  
4px #558A56 }
```

Background

The CSS property to change the background color of an element to Hex 558A56 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#558A56 }
```

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

```
.background{ background-color:#558A56 }
```

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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