

# Converting Colors

Hex(558A67)

Have a look what the booklet for  
Hex(558A67) contains.

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**Color**

**Hex(558A67)**

# Conversions

## Conversions Part 1

Format	Color
Hex	558A67
RGB	85, 138, 103
RGB Percent	33%, 54%, 40%
CMY	0.6667, 0.4588, 0.5961
CMYK	0.38, 0.00, 0.25, 0.46
HSL	140°, 24%, 44%
HSV	140°, 38%, 54%
XYZ	15.2830, 21.0875, 16.0968
YIQ	118.1630, -20.3530, -22.1210

# Conversions

## Conversions Part 2

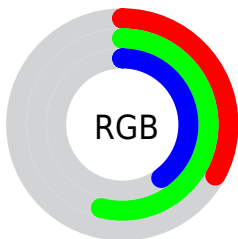
<b>Format</b>	<b>Color</b>
<b>RYB</b>	85, 125, 138
Decimal	5605991
CIELab	53.05, -25.72, 13.29
CIELCh	53, 28.950, 152.670
Yxy	21.0875, 0.2913, 0.4019
Android (android.graphics.Color)	4283796071 (0xFF558A67)
YUV	118.1630, -7.4754, -29.0840
Hunter-Lab	45.9212, -20.9556, 11.3619

# Details

The Hex color **558A67** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8A5578**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **89C09A**, and **235838** is the 20% darker color. If you saturate the color by 10%, you get **478A5E**, and if you desaturate by 10%, it is **638A70**.

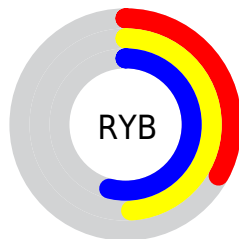
# Distribution



Red (33%)

Green (54%)

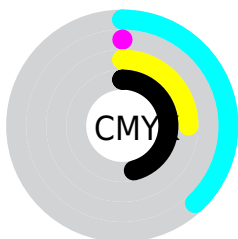
Blue (40%)



Red (33%)

Yellow (49%)

Blue (54%)

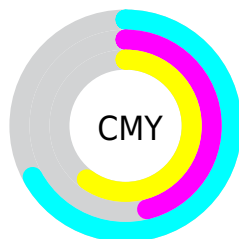


Cyan (38%)

Magenta (0%)

Yellow (25%)

Black (46%)



Cyan (67%)

Magenta (46%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 558A67 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 558A67 by changing the saturation by 10% instead.





558A67



558A67

FFFFFF



3C704F



89C09A



235838



A4DCB5



074022



BFF8D1



00290D



DBFFED



001300



F8FFFF



000000



558A67



558A67



478A5E



638A70



398A55



718A79

 2C8A4C

 7E8A82

 1E8A43

 8C8A8B

 108A39

 9A8A95

 028A30

 A88A9E

 008A2F

 B68AA7

 C38AB0

 D18AB9

# Harmonies

## Analogous

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



738554



558A67



358C80

# Triad

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



558A67



5F80B0



AE6E65

# Complementary

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



558A67



8A5578

# 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.



AE6B7D



558A67



8577A9

# Square

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



558A67



3687AA



A06F96



A27553

# Rectangle

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



558A67



228C91



A06F96



AF6C6D



# Sweetspot

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



558A67



9DB3A4



788A55



4D5951



D9D9D9



595959



# Same Dimension

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



558A67



60B37C



558A81



3E4540



00852D



000502



# Inverse Universe

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



8A5578



B36097



8A555E



453E43



850058

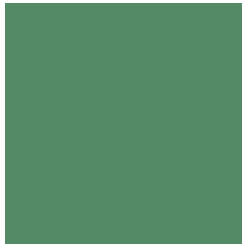


050003



# Previews

## White Background



This preview shows how the Hex color 558A67 looks on a white background.

## Color Contrast Check

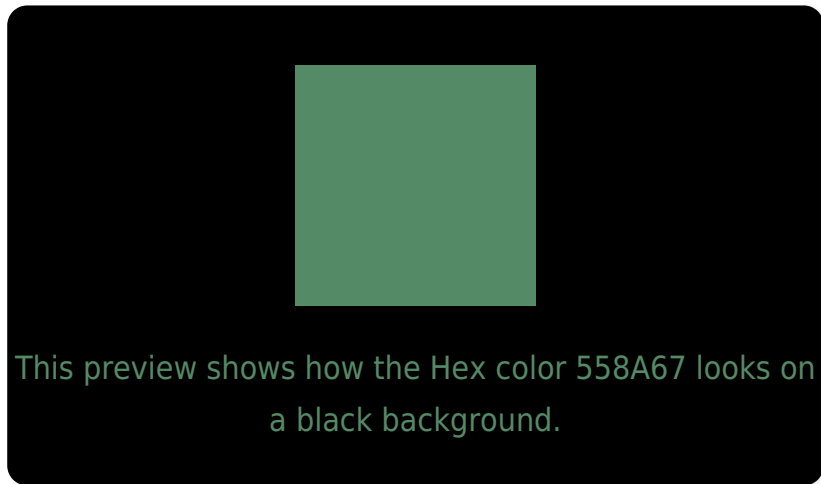
Large Text (above 18pt) WCAG AA ✓ Pass

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

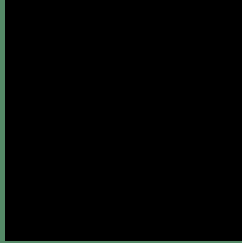
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 558A67 Background



This preview shows how black text looks on a background with the Hex color 558A67.



This preview shows how white text looks on a background with the Hex color 558A67.

# 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



**Original Color**  
558A67

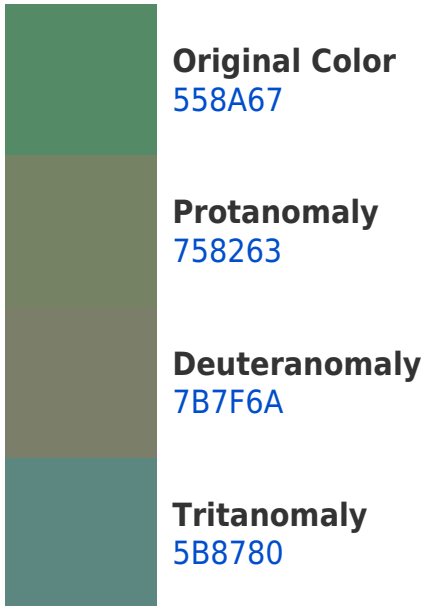
**Protanopia**  
877E61

**Deuteranopia**  
91796B

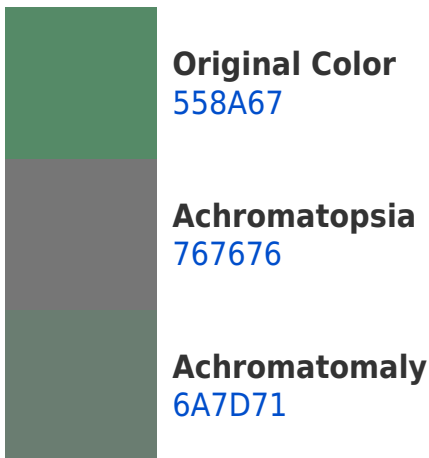


**Tritanopia**  
5E858F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 558A67 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 #558A67 looks like.

```
.text, #text, p{  
    color:#558A67  
}
```

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 #558A67 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #558A67
}
```

## Border

The CSS property to change the border of an element to Hex 558A67 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
#558A67 }
```

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

```
.border{ border-color:#558A67 }
```

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

Here you see how a box with a 4 pixel #558A67 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #558A67; -webkit-box-shadow:4px 4px  
4px 4px #558A67; box-shadow:4px 4px 4px  
4px #558A67 }
```

# Background

The CSS property to change the background color of an element to Hex 558A67 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#558A67 }
```

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

```
.background{ background-color:#558A67 }
```

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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