

Converting Colors

Hex(558949)

Have a look what the booklet for
Hex(558949) contains.

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Color

Hex(558949)

Conversions

Conversions Part 1

Format	Color
Hex	558949
RGB	85, 137, 73
RGB Percent	33%, 54%, 29%
CMY	0.6667, 0.4627, 0.7137
CMYK	0.38, 0.00, 0.47, 0.46
HSL	109°, 30%, 41%
HSV	109°, 47%, 54%
XYZ	13.8946, 20.3037, 9.4900
YIQ	114.1560, -10.4480, -30.9280

Conversions

Conversions Part 2

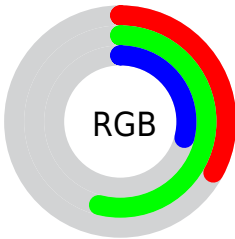
Format	Color
RYB	73, 137, 125
Decimal	5605705
CIELab	52.18, -30.48, 28.88
CIELCh	52, 41.986, 136.549
Yxy	20.3037, 0.3180, 0.4647
Android (android.graphics.Color)	4283795785 (0xFF558949)
YUV	114.1560, -20.2899, -25.5698
Hunter-Lab	45.0596, -23.8120, 19.0546

Details

The Hex color **558949** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **7D4989**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **89BF7B**, and **22571A** is the 20% darker color. If you saturate the color by 10%, you get **4A893B**, and if you desaturate by 10%, it is **608957**.

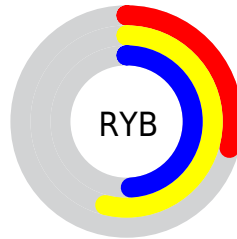
Distribution



Red (33%)

Green (54%)

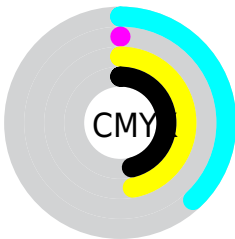
Blue (29%)



Red (29%)

Yellow (54%)

Blue (49%)

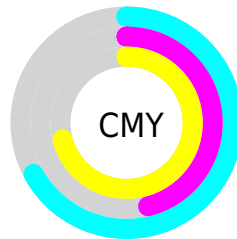


Cyan (38%)

Magenta (0%)

Yellow (47%)

Black (46%)



Cyan (67%)

Magenta (46%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 558949 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 558949 by changing the saturation by 10% instead.



558949



558949

FFFFFF



3C6F31



89BF7B



22571A



A4DB95



043F02



C0F7B0



002800



DCFFCB



000E00



F9FFE8



000000



558949



558949



4A893B



608957



3F892E



6B8964

 348920

 768972

 288912

 828980

 1D8905

 8D898D

 1A8900

 98899B

 A389A9

 AE89B7

 B989C4

Harmonies

Analogous

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



7E8134



558949



078E6B

Triad

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



558949



0085C2



C05E6A

Complementary

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



558949



7D4989

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.



B7608E



558949



6479C1

Square

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



558949



008CB0



986BAE



B7674A

Rectangle

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



558949



008F83



986BAE



BF5D76

Sweetspot

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



558949



9EB39A



897C49



4D594A



D9D9D9



595959

Same Dimension

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



558949



61B34F



49895C



3F453E



198500



010500

Inverse Universe

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



7D4989



A04FB3



894976



443E45



6C0085



040005

Previews

White Background



This preview shows how the Hex color 558949 looks on a white background.

Color Contrast Check

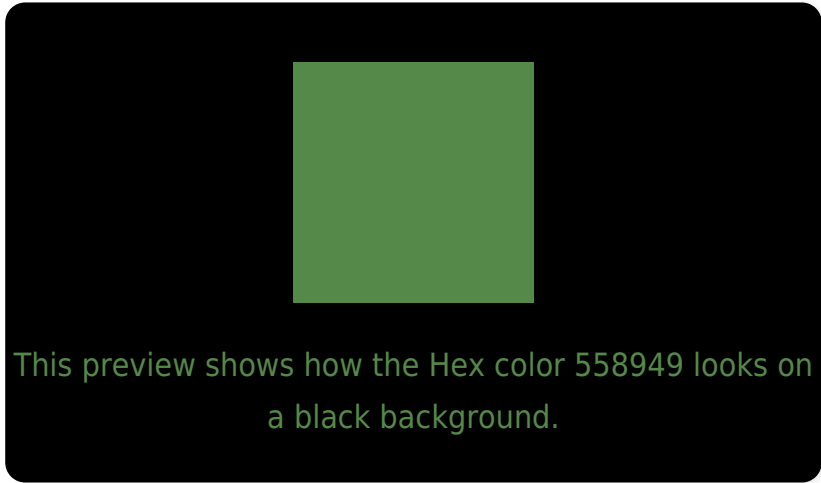
Large Text (above 18pt) WCAG AA ✓ Pass

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 558949 Background



This preview shows how black text looks on a background with the Hex color 558949.




This preview shows how white text looks on a background with the Hex color 558949.

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](#).

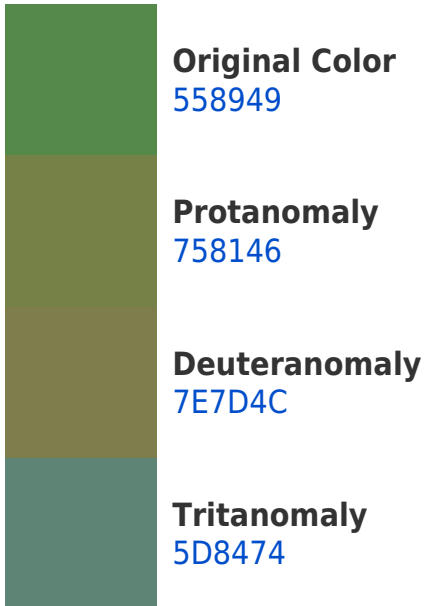
Dichromacy



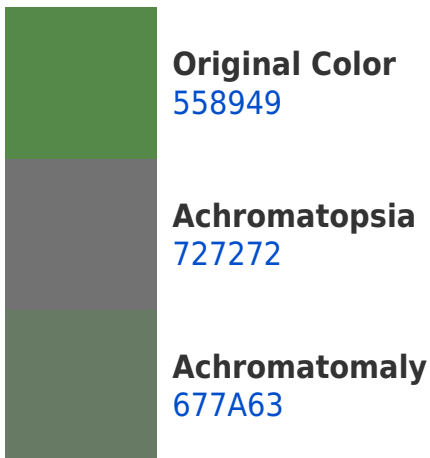


Tritanopia
61818C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 558949 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 #558949 looks like.

```
.text, #text, p{  
    color:#558949  
}
```

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 #558949 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #558949
}
```

Border

The CSS property to change the border of an element to Hex 558949 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
#558949 }
```

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

```
.border{ border-color:#558949 }
```

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

Here you see how a box with a 4 pixel #558949 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #558949; -webkit-box-shadow:4px 4px  
4px 4px #558949; box-shadow:4px 4px 4px  
4px #558949 }
```

Background

The CSS property to change the background color of an element to Hex 558949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#558949 }
```

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

```
.background{ background-color:#558949 }
```

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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