

Converting Colors

Hex(58A454)

Have a look what the booklet for
Hex(58A454) contains.

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Color

Hex(58A454)

Conversions

Conversions Part 1

Format	Color
Hex	58A454
RGB	88, 164, 84
RGB Percent	35%, 64%, 33%
CMY	0.6549, 0.3569, 0.6706
CMYK	0.46, 0.00, 0.49, 0.36
HSL	117°, 32%, 49%
HSV	117°, 49%, 64%
XYZ	18.9002, 29.2657, 13.0402
YIQ	132.1560, -19.6160, -40.9920

Conversions

Conversions Part 2

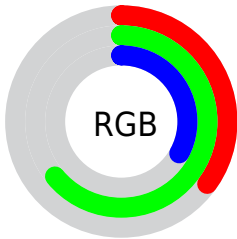
Format	Color
RYB	84, 164, 160
Decimal	5809236
CIELab	61.02, -40.12, 34.20
CIElCh	61, 52.721, 139.555
Yxy	29.2657, 0.3088, 0.4782
Android (android.graphics.Color)	4283999316 (0xFF58A454)
YUV	132.1560, -23.7409, -38.7248
Hunter-Lab	54.0978, -32.3085, 23.5767

Details

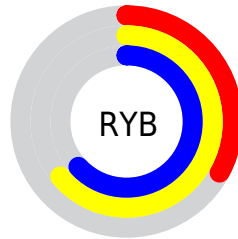
The Hex color **58A454** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **A054A4**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **8EDC87**, and **1F6F24** is the 20% darker color. If you saturate the color by 10%, you get **48A444**, and if you desaturate by 10%, it is **68A464**.

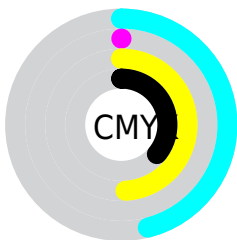
Distribution



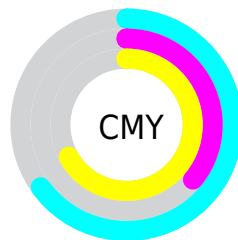
- Red (35%)
- Green (64%)
- Blue (33%)



- Red (33%)
- Yellow (64%)
- Blue (63%)



- Cyan (46%)
- Magenta (0%)
- Yellow (49%)
- Black (36%)



- Cyan (65%)
- Magenta (36%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 58A454 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 58A454 by changing the saturation by 10% instead.



58A454



58A454

FFFFFF



3D893C



8EDC87



1F6F24



AAF8A2



00560A



C7FFBD



003E00



E3FFD9



002900



FFFFFF6



000700



000000



58A454



58A454



48A444



68A464

 39A433

 77A475

 29A423


 87A485

 1AA412

 96A496

 0AA402

 A6A4A6

 08A400

 B5A4B6

 C5A4C7

 D5A4D7

 E4A4E8

Harmonies

Analogous

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



8F9A35



58A454



00A981

Triad

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



58A454



009DEF



E96B77

Complementary

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



58A454



A054A4

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.



E06CA6



58A454



798EEB

Square

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



58A454



00A6D9



BC7AD0



DB794E

Rectangle

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



58A454



00AAA1



BC7AD0



E96A86

Sweetspot

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



58A454



B8D6B6



A4A054



596B58



EBEBEB



6B6B6B

Same Dimension

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



58A454



5ED658



54A478



4A5249



079100



011200

Inverse Universe

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



A054A4



D058D6



A45480



514952



8A0091



110012

Previews

White Background



This preview shows how the Hex color 58A454 looks on a white background.

Color Contrast Check

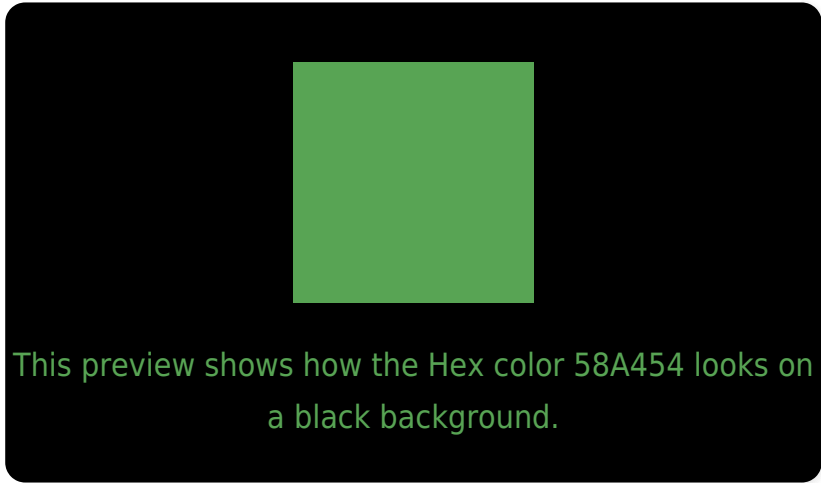
Large Text (above 18pt) WCAG AA ✓ Pass

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

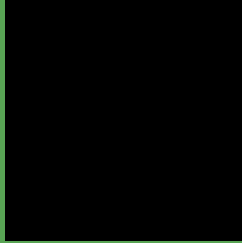
Any Text WCAG AA ✓ Pass

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 58A454 Background



This preview shows how black text looks on a background with the Hex color 58A454.

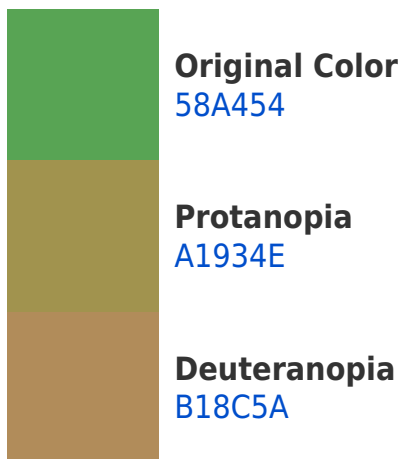


This preview shows how white text looks on a background with the Hex color 58A454.

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](#).

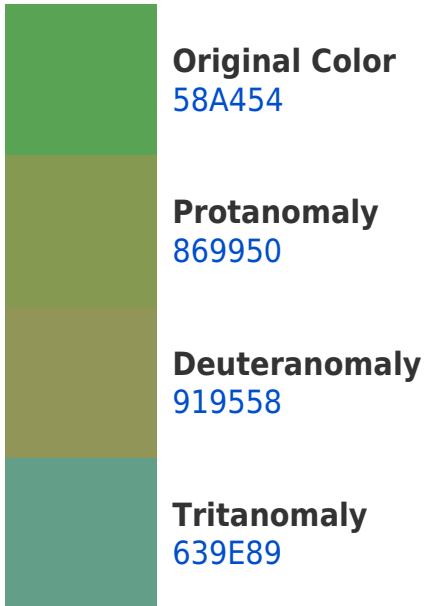
Dichromacy



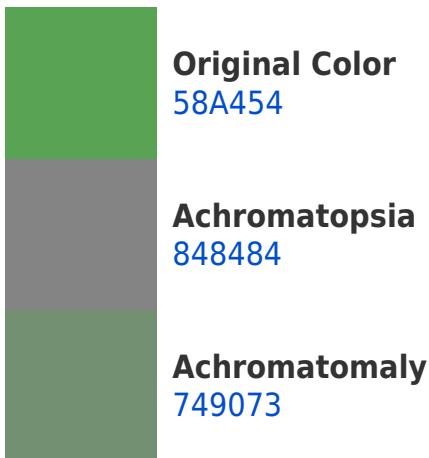


Tritanopia
699BA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 58A454 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 #58A454 looks like.

```
.text, #text, p{  
    color:#58A454  
}
```

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 #58A454 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #58A454
}
```

Border

The CSS property to change the border of an element to Hex 58A454 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
#58A454 }
```

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

```
.border{ border-color:#58A454 }
```

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

Here you see how a box with a 4 pixel #58A454 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #58A454; -webkit-box-shadow:4px 4px  
4px 4px #58A454; box-shadow:4px 4px 4px  
4px #58A454 }
```

Background

The CSS property to change the background color of an element to Hex 58A454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#58A454 }
```

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

```
.background{ background-color:#58A454 }
```

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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