

Converting Colors

Hex(58A475)

Have a look what the booklet for
Hex(58A475) contains.

Hex(58A475)	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(58A475)

Conversions

Conversions Part 1

Format	Color
Hex	58A475
RGB	88, 164, 117
RGB Percent	35%, 64%, 46%
CMY	0.6549, 0.3569, 0.5412
CMYK	0.46, 0.00, 0.29, 0.36
HSL	143°, 30%, 49%
HSV	143°, 46%, 64%
XYZ	20.5108, 29.9100, 21.5218
YIQ	135.9180, -30.2090, -30.7290

Conversions

Conversions Part 2

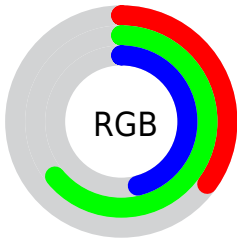
Format	Color
RYB	88, 143, 164
Decimal	5809269
CIELab	61.58, -34.48, 17.25
CIELCh	62, 38.550, 153.419
Yxy	29.9100, 0.2851, 0.4157
Android (android.graphics.Color)	4283999349 (0xFF58A475)
YUV	135.9180, -9.3266, -42.0241
Hunter-Lab	54.6900, -28.7632, 14.9510

Details

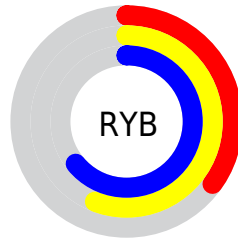
The Hex color **58A475** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A45887**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **8EDBA9**, and **217044** is the 20% darker color. If you saturate the color by 10%, you get **48A46B**, and if you desaturate by 10%, it is **68A47F**.

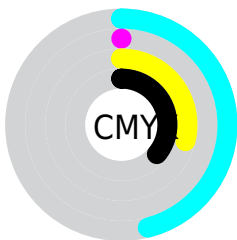
Distribution



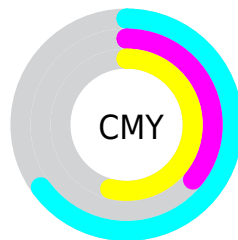
- Red (35%)
- Green (64%)
- Blue (46%)



- Red (35%)
- Yellow (56%)
- Blue (64%)



- Cyan (46%)
- Magenta (0%)
- Yellow (29%)
- Black (36%)



- Cyan (65%)
- Magenta (36%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 58A475 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 58A475 by changing the saturation by 10% instead.

 58A475

 58A475

FFFFFF

 3D895C

 8EDBA9

 217044

 A9F8C5

 00572E

 C6FFE1

 003F18

 E2FFFD

 002800

 000B00

 000000

 58A475

 58A475

 48A46B

 68A47F

 37A461

 79A489

 27A457

 89A493

 16A44C

 9AA49E

 06A442

 AAA4A8

 00A43F

 BAA4B2

 CBA4BC

 DBA4C6

 ECA4D0

Harmonies

Analogous

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



839E5A



58A475



15A798

Triad

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



58A475



6697D8



D47D71

Complementary

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



58A475



A45887

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.



D57992



58A475



9D8ACE

Square

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



58A475



0AA0D1



C37FB4



C38858

Rectangle

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



58A475



00A6AF



C37FB4



D67B7B

Sweetspot

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



58A475



B8D6C4



88A458



596B60



EBEBEB



6B6B6B

Same Dimension

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



58A475



5ED68C



58A49A



49524D



009137



001207

Inverse Universe

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



A45887



D65EA8



A45862



52494E



91005A



12000B

Previews

White Background



This preview shows how the Hex color 58A475 looks on a white background.

Color Contrast Check

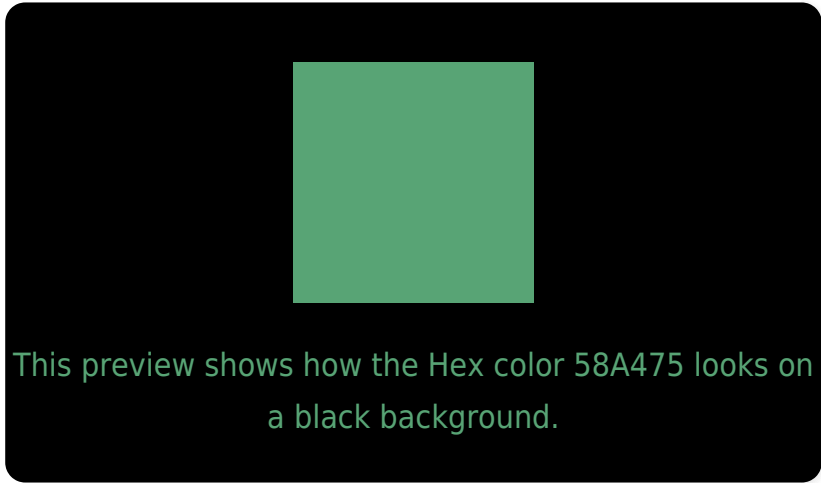
Large Text (above 18pt) WCAG AA ✓ Pass

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 58A475 Background



This preview shows how black text looks on a background with the Hex color 58A475.

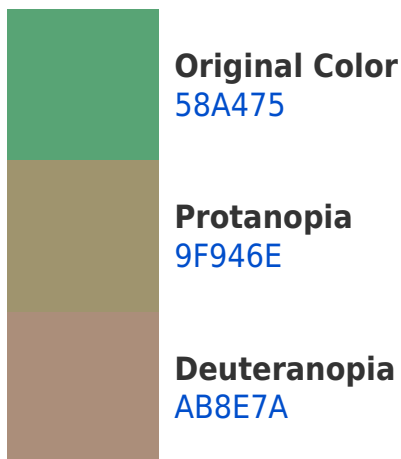


This preview shows how white text looks on a background with the Hex color 58A475.

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



Trichromacy



Original Color
58A475



Protanomaly
859A71



Deuteranomaly
8D9678



Tritanomaly
60A097

Monochromacy



Original Color
58A475



Achromatopsia
888888



Achromatomaly
779281

CSS Examples

Text

The CSS property to change the color of the text to Hex 58A475 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 #58A475 looks like.

```
.text, #text, p{  
    color:#58A475  
}
```

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 #58A475 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #58A475
}
```

Border

The CSS property to change the border of an element to Hex 58A475 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
#58A475 }
```

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

```
.border{ border-color:#58A475 }
```

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

Here you see how a box with a 4 pixel #58A475 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #58A475; -webkit-box-shadow:4px 4px  
4px 4px #58A475; box-shadow:4px 4px 4px  
4px #58A475 }
```

Background

The CSS property to change the background color of an element to Hex 58A475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#58A475 }
```

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

```
.background{ background-color:#58A475 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor