

# Converting Colors

Hex(58A675)

Have a look what the booklet for  
Hex(58A675) contains.

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**Color**

**Hex(58A675)**

# Conversions

## Conversions Part 1

Format	Color
Hex	58A675
RGB	88, 166, 117
RGB Percent	35%, 65%, 46%
CMY	0.6549, 0.3490, 0.5412
CMYK	0.47, 0.00, 0.30, 0.35
HSL	142°, 31%, 50%
HSV	142°, 47%, 65%
XYZ	20.8716, 30.6315, 21.6420
YIQ	137.0920, -30.7590, -31.7750

# Conversions

## Conversions Part 2

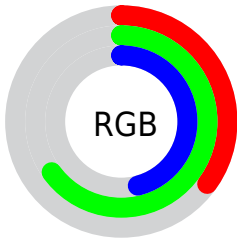
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">88, 145, 166</a>
Decimal	<a href="#">5809781</a>
CIELab	<a href="#">62.20, -35.39, 18.10</a>
CIELCh	<a href="#">62, 39.754, 152.916</a>
Yxy	<a href="#">30.6315, 0.2853, 0.4188</a>
Android (android.graphics.Color)	<a href="#">4283999861 (0xFF58A675)</a>
YUV	<a href="#">137.0920, -9.9054, -43.0537</a>
Hunter-Lab	<a href="#">55.3457, -29.5403, 15.5576</a>

# Details

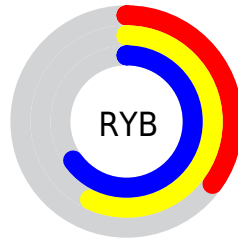
The Hex color **58A675** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A65889**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **8EDEA9**, and **207144** is the 20% darker color. If you saturate the color by 10%, you get **47A66B**, and if you desaturate by 10%, it is **69A67F**.

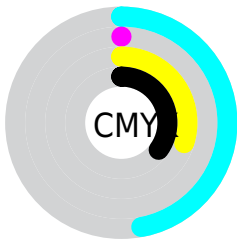
# Distribution



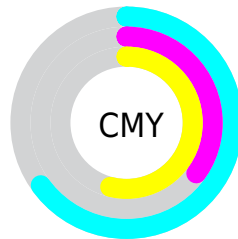
- Red (35%)
- Green (65%)
- Blue (46%)



- Red (35%)
- Yellow (57%)
- Blue (65%)



- Cyan (47%)
- Magenta (0%)
- Yellow (30%)
- Black (35%)



- Cyan (65%)
- Magenta (35%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 58A675 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 58A675 by changing the saturation by 10% instead.





58A675



58A675

FFFFFF



3D8B5C



8EDEA9



207144



AAFAC5



00582E



C6FFE1



004018



E3FFFD



002A00



000E00



000000



58A675



58A675



47A66B



69A67F

 37A660

 79A68A

 26A656

 8AA694

 16A64B

 9AA69F

 05A641

 ABA6A9

 00A63E

 BCA6B4

 CCA6BE

 DDA6C8

 EDA6D3

# Harmonies

## Analogous

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



84A059



58A675



0AA999

# Triad

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



58A675



6599DC



D77E72

# Complementary

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



58A675



A65889

# 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.



D87A94



58A675



9E8CD2

# Square

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



58A675



00A2D4



C580B7



C68958

# Rectangle

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



58A675



00A8B1



C580B7



DA7C7D



# Sweetspot

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



58A675



BAD9C6



89A658



5B6E62



EDEDED



6E6E6E



# Same Dimension

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



58A675



5FD98C



58A69C



4C544F



009437



001408



# Inverse Universe

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



A65889



D95FAC



A65862



544C51



94005D



14000D



# Previews

## White Background



This preview shows how the Hex color 58A675 looks on a white background.

## Color Contrast Check

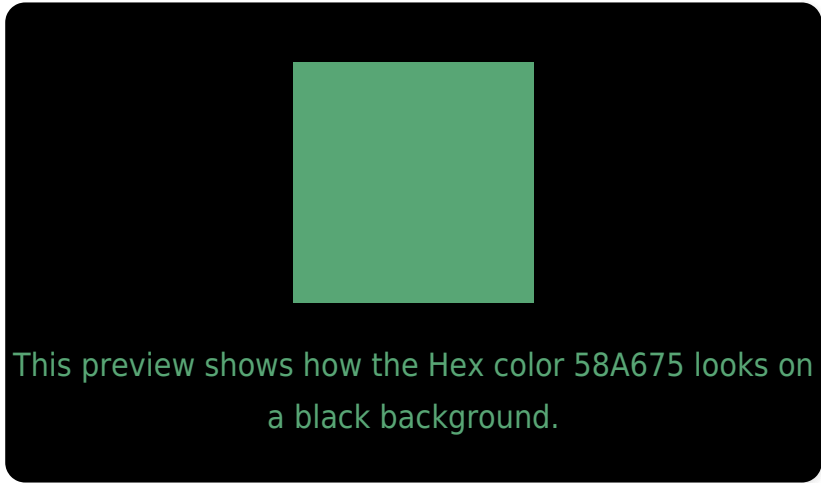
Large Text (above 18pt) WCAG AA × Fail

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

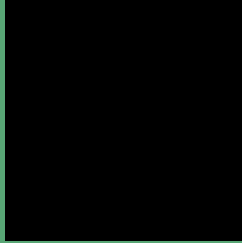
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 58A675 Background



This preview shows how black text looks on a background with the Hex color 58A675.

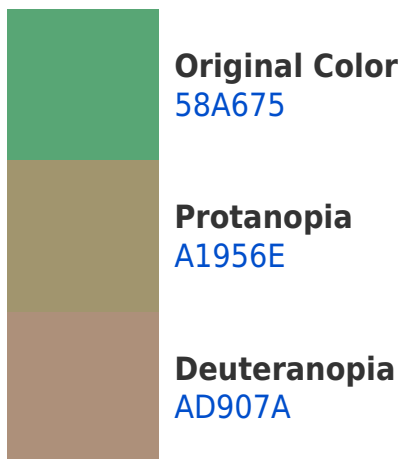


This preview shows how white text looks on a background with the Hex color 58A675.

# 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**  
58A675



**Protanomaly**  
869B71



**Deuteranomaly**  
8E9878



**Tritanomaly**  
60A298

# Monochromacy



**Original Color**  
58A675



**Achromatopsia**  
898989



**Achromatomaly**  
779482

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 58A675 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 #58A675 looks like.

```
.text, #text, p{  
    color:#58A675  
}
```

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 #58A675 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #58A675  
}
```

## Border

The CSS property to change the border of an element to Hex 58A675 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  
#58A675 }
```

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

```
.border{ border-color:#58A675 }
```

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

Here you see how a box with a 4 pixel #58A675 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #58A675; -webkit-box-shadow:4px 4px  
4px 4px #58A675; box-shadow:4px 4px 4px  
4px #58A675 }
```

# Background

The CSS property to change the background color of an element to Hex 58A675 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#58A675 }
```

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

```
.background{ background-color:#58A675 }
```

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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