

# Converting Colors

Hex(568759)

Have a look what the booklet for  
Hex(568759) contains.

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# Color

**Hex(568759)**

# Conversions

## Conversions Part 1

Format	Color
Hex	568759
RGB	86, 135, 89
RGB Percent	34%, 53%, 35%
CMY	0.6627, 0.4706, 0.6510
CMYK	0.36, 0.00, 0.34, 0.47
HSL	124°, 22%, 43%
HSV	124°, 36%, 53%
XYZ	14.3049, 20.0276, 12.5630
YIQ	115.1050, -14.4380, -24.6940

# Conversions

## Conversions Part 2

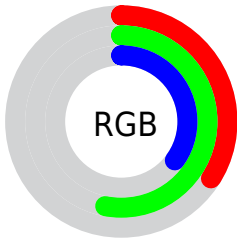
<b>Format</b>	<b>Color</b>
<b>RYB</b>	86, 132, 135
Decimal	5670745
CIELab	51.87, -26.57, 19.65
CIELCh	52, 33.050, 143.522
Yxy	20.0276, 0.3050, 0.4271
Android (android.graphics.Color)	4283860825 (0xFF568759)
YUV	115.1050, -12.8698, -25.5251
Hunter-Lab	44.7523, -21.2596, 14.6825

# Details

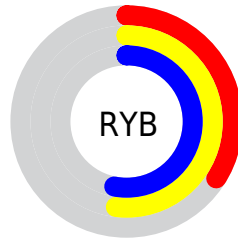
The Hex color **568759** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **875684**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **8ABD8B**, and **25552B** is the 20% darker color. If you saturate the color by 10%, you get **49874C**, and if you desaturate by 10%, it is **648766**.

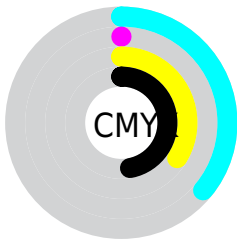
# Distribution



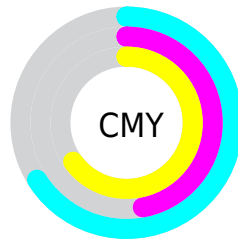
- Red (34%)
- Green (53%)
- Blue (35%)



- Red (34%)
- Yellow (52%)
- Blue (53%)



- Cyan (36%)
- Magenta (0%)
- Yellow (34%)
- Black (47%)



- Cyan (66%)
- Magenta (47%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 568759 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 568759 by changing the saturation by 10% instead.



 568759

 568759

FFFFFF

 3D6D41

 8ABD8B

 25552B

 A4D8A6

 0A3D15

 C0F5C1

 002700

 DCFEED

 000D00

 F9FFFA

 000000

 568759

 568759

 49874C

 648766

 3B8740

 718772

 2E8733

 7F877F

 208726

 8C878C

 13871A

 9A8798

 05870D

 A787A5

 008708

 B587B2

 C287BE

 D087CB

# Harmonies

## Analogous

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



778147



568759



2C8A74

# Triad

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



568759



4480B3



B26667

# Complementary

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



568759



875684

# 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.



AE6683



568759



7577AF

# Square

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



568759



0087A8



996C9E



A86E4F

# Rectangle

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



568759



008B88



996C9E



B26570



# Sweetspot

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



568759



9DB09E



858756



4E594E



D9D9D9



595959



# Same Dimension

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



568759



63B067



568771



3C423C



008208



000300



# Inverse Universe

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



875684



B063AB



87566C



423C42



82007A



030002



# Previews

## White Background



This preview shows how the Hex color 568759 looks on a white background.

## Color Contrast Check

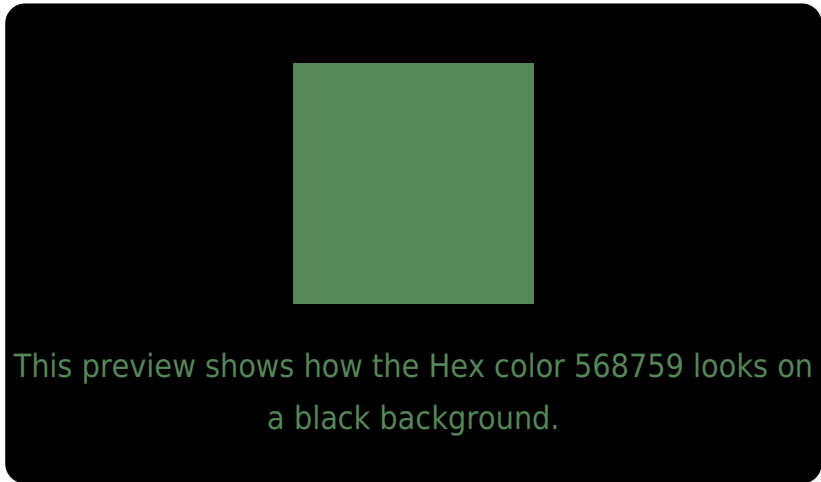
Large Text (above 18pt) WCAG AA ✓ Pass

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

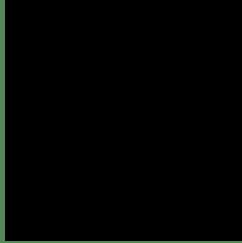
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 568759 Background



This preview shows how black text looks on a background with the Hex color 568759.



This preview shows how white text looks on a background with the Hex color 568759.

# 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**  
60818B

# Trichromacy



**Original Color**  
568759

**Protanomaly**  
747F56

**Deuteranomaly**  
7C7C5C

**Tritanomaly**  
5C8379

# Monochromacy



**Original Color**  
568759

**Achromatopsia**  
737373

**Achromatomaly**  
687A6A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 568759 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 #568759 looks like.

```
.text, #text, p{  
    color:#568759  
}
```

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 #568759 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #568759
}
```

## Border

The CSS property to change the border of an element to Hex 568759 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
#568759 }
```

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

```
.border{ border-color:#568759 }
```

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

Here you see how a box with a 4 pixel #568759 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #568759; -webkit-box-shadow:4px 4px  
4px 4px #568759; box-shadow:4px 4px 4px  
4px #568759 }
```

# Background

The CSS property to change the background color of an element to Hex 568759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#568759 }
```

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

```
.background{ background-color:#568759 }
```

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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