

# Converting Colors

Hex(558839)

Have a look what the booklet for  
Hex(558839) contains.

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**Color**

**Hex(558839)**

# Conversions

## Conversions Part 1

Format	Color
Hex	558839
RGB	85, 136, 57
RGB Percent	33%, 53%, 22%
CMY	0.6667, 0.4667, 0.7765
CMYK	0.38, 0.00, 0.58, 0.47
HSL	99°, 41%, 38%
HSV	99°, 58%, 53%
XYZ	13.2890, 19.8350, 6.9990
YIQ	111.7450, -5.0370, -35.3810

# Conversions

## Conversions Part 2

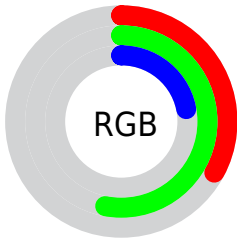
<b>Format</b>	<b>Color</b>
<b>RYB</b>	57, 136, 108
Decimal	5605433
CIELab	51.65, -32.09, 36.52
CIElCh	52, 48.614, 131.300
Yxy	19.8350, 0.3312, 0.4944
Android (android.graphics.Color)	4283795513 (0xFF558839)
YUV	111.7450, -26.9893, -23.4554
Hunter-Lab	44.5365, -24.6774, 21.8580

# Details

The Hex color **558839** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **6C3988**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **8ABE6B**, and **215606** is the 20% darker color. If you saturate the color by 10%, you get **4C882B**, and if you desaturate by 10%, it is **5E8847**.

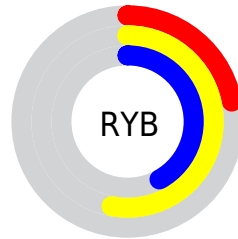
# Distribution



Red (33%)

Green (53%)

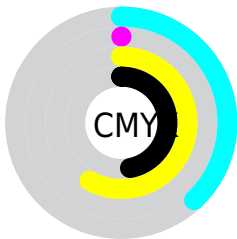
Blue (22%)



Red (22%)

Yellow (53%)

Blue (42%)

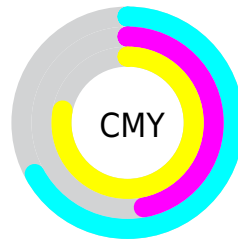


Cyan (38%)

Magenta (0%)

Yellow (58%)

Black (47%)



Cyan (67%)

Magenta (47%)

Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 558839 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 558839 by changing the saturation by 10% instead.



 558839

 558839

FFFFFF

 3B6E21

 8ABE6B

 215606

 A5DA85

 053E00

 C1F69F

 002800

 DDFFB

 000B00

 FAFFD7

 000000

 FFFFF3

 558839

 558839

 4C882B

 5E8847

■ 43881E

■ 678854

■ 3B8810

■ 6F8862

■ 328803

■ 78886F

■ 308800

■ 81887D

■ 8A888B

■ 928898

■ 9B88A6

■ A488B3

# Harmonies

## Analogous

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



837E22



558839



008E5F

# Triad

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



558839



0087CA



C7556D

# Complementary

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



558839



6C3988

# 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.



B95A97



558839



497ACD

# Square

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



558839



008DB1



9269BA



C05F46

# Rectangle

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



558839



008F7C



9269BA



C5557B



# Sweetspot

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



558839



9DB092



886B39



4E5947



D9D9D9



595959



# Same Dimension

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



558839



60B035



398844



40453E



2F8500



020500



# Inverse Universe

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



6C3988



8435B0



88397D



423E45



560085



030005



# Previews

## White Background



This preview shows how the Hex color 558839 looks on a white background.

## Color Contrast Check

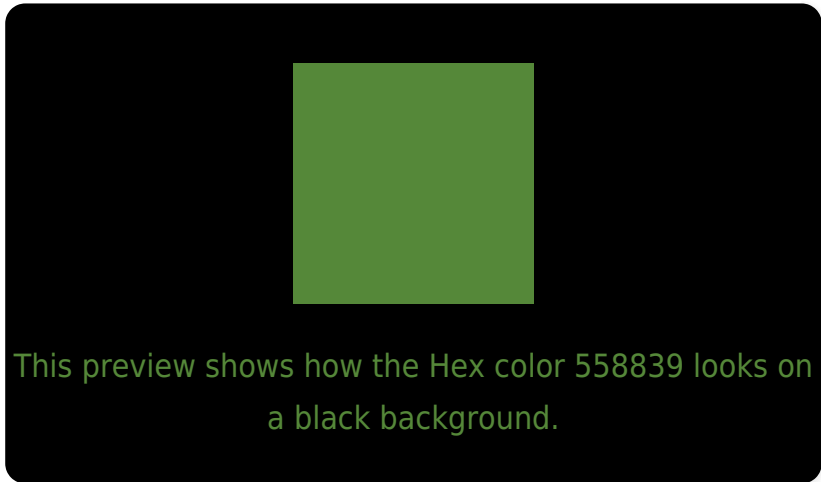
Large Text (above 18pt) WCAG AA ✓ Pass

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 558839 Background



This preview shows how black text looks on a background with the Hex color 558839.



This preview shows how white text looks on a background with the Hex color 558839.

# 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



**Original Color**  
558839

**Protanopia**  
887B35

**Deuteranopia**  
97753E



**Tritanopia**  
62808A

# Trichromacy



**Original Color**  
558839

**Protanomaly**  
758036

**Deuteranomaly**  
7F7C3C

**Tritanomaly**  
5D836D

# Monochromacy



**Original Color**  
558839

**Achromatopsia**  
707070

**Achromatomaly**  
66795C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 558839 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 #558839 looks like.

```
.text, #text, p{  
    color:#558839  
}
```

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 #558839 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #558839
}
```

## Border

The CSS property to change the border of an element to Hex 558839 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
#558839 }
```

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

```
.border{ border-color:#558839 }
```

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

Here you see how a box with a 4 pixel #558839 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #558839; -webkit-box-shadow:4px 4px  
4px 4px #558839; box-shadow:4px 4px 4px  
4px #558839 }
```

# Background

The CSS property to change the background color of an element to Hex 558839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#558839 }
```

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

```
.background{ background-color:#558839 }
```

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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