

# Converting Colors

Hex(556739)

Have a look what the booklet for  
Hex(556739) contains.

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# Color

Hex(556739)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	556739
RGB	85, 103, 57
RGB Percent	33%, 40%, 22%
CMY	0.6667, 0.5961, 0.7765
CMYK	0.17, 0.00, 0.45, 0.60
HSL	83°, 29%, 31%
HSV	83°, 45%, 40%
XYZ	9.3351, 11.9272, 5.6811
YIQ	92.3740, 4.0380, -18.1220

# Conversions

## Conversions Part 2

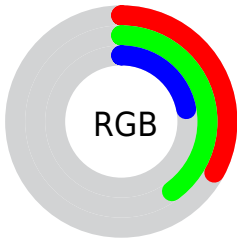
<b>Format</b>	<b>Color</b>
<b>RYB</b>	57, 103, 75
Decimal	5596985
CIELab	41.10, -15.43, 23.71
CIELCh	41, 28.293, 123.052
Yxy	11.9272, 0.3465, 0.4427
Android (android.graphics.Color)	4283787065 (0xFF556739)
YUV	92.3740, -17.4394, -6.4670
Hunter-Lab	34.5358, -12.1888, 14.4220

# Details

The Hex color **556739** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4B3967**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **889A69**, and **26380D** is the 20% darker color. If you saturate the color by 10%, you get **51672F**, and if you desaturate by 10%, it is **596743**.

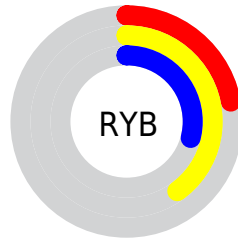
# Distribution



Red (33%)

Green (40%)

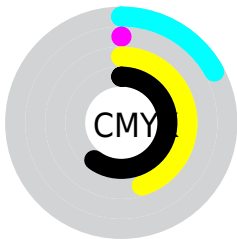
Blue (22%)



Red (22%)

Yellow (40%)

Blue (29%)

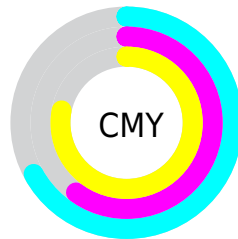


Cyan (17%)

Magenta (0%)

Yellow (45%)

Black (60%)



Cyan (67%)

Magenta (60%)

Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 556739 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 556739 by changing the saturation by 10% instead.



 556739

 556739

FFFFFF

 3D4F23

 889A69

 26380D

 A2B582

 122200

 BDD19D

 000800

 D9EDB8

 000000

 F6FFD3

 FFFFF0

 556739

 556739

 51672F

 596743

■ 4D6724

■ 5D674E

■ 49671A

■ 616758

■ 456710

■ 656762

■ 416705

■ 69676D

■ 3F6700

■ 6D6777

■ 716781

■ 75678B

■ 796796

# Harmonies

## Analogous

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



6D6032



556739



386B4B

# Triad

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



556739



04698A



8C4E5F

# Complementary

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



556739



4B3967

# 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.



805276



556739



41628F

# Square

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



556739



006C79



665A88



8C5149

# Rectangle

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



556739



1F6D5B



665A88



8A4F67



# Sweetspot

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



556739



808776



674B39



41453A



C4C4C4



454545



# Same Dimension

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



556739



6B873E



3E6739



31332E



467300



93F200



# Inverse Universe

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



4B3967



5B3E87



623967



302E33



2D0073



5F00F2



# Previews

## White Background



This preview shows how the Hex color 556739 looks on a white background.

## Color Contrast Check

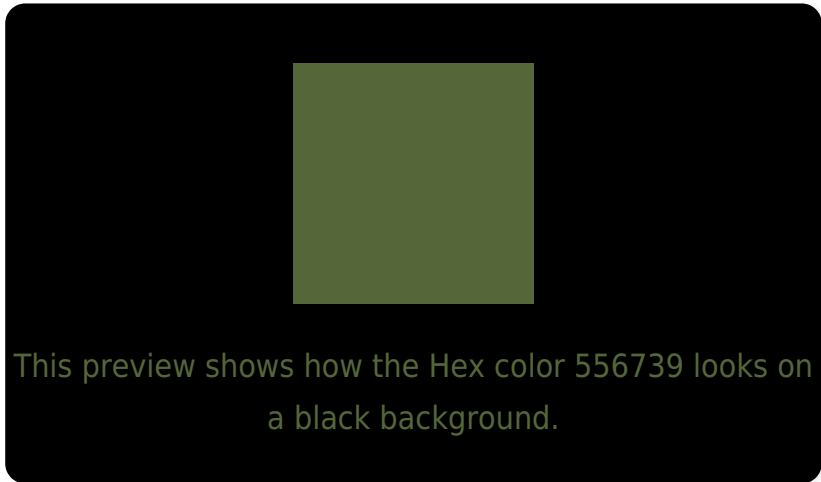
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

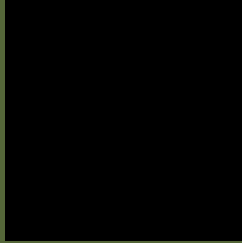
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 556739 Background



This preview shows how black text looks on a background with the Hex color 556739.



This preview shows how white text looks on a background with the Hex color 556739.

# 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**  
556739

**Protanopia**  
6A6137

**Deuteranopia**  
755C3C



**Tritanopia**  
5C6169

# Trichromacy



**Original Color**  
556739

**Protanomaly**  
626338

**Deuteranomaly**  
69603B

**Tritanomaly**  
596358

# Monochromacy



**Original Color**  
556739

**Achromatopsia**  
5C5C5C

**Achromatomaly**  
59604F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 556739 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 #556739 looks like.

```
.text, #text, p{  
    color:#556739  
}
```

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 #556739 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #556739
}
```

## Border

The CSS property to change the border of an element to Hex 556739 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".

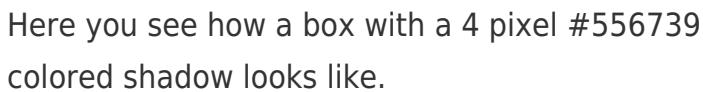
```
.border, #border, table{ border:4px solid
#556739 }
```

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

```
.border{ border-color:#556739 }
```

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

Here you see how a box with a 4 pixel #556739 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #556739; -webkit-box-shadow:4px 4px  
4px 4px #556739; box-shadow:4px 4px 4px  
4px #556739 }
```

# Background

The CSS property to change the background color of an element to Hex 556739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#556739 }
```

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

```
.background{ background-color:#556739 }
```

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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