

# Converting Colors

Hex(536638)

Have a look what the booklet for  
Hex(536638) contains.

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# Color

**Hex(536638)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	536638
RGB	83, 102, 56
RGB Percent	33%, 40%, 22%
CMY	0.6745, 0.6000, 0.7804
CMYK	0.19, 0.00, 0.45, 0.60
HSL	85°, 29%, 31%
HSV	85°, 45%, 40%
XYZ	9.0325, 11.6273, 5.5096
YIQ	91.0750, 3.4420, -18.3340

# Conversions

## Conversions Part 2

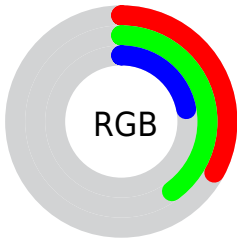
<b>Format</b>	<b>Color</b>
<b>RYB</b>	56, 102, 75
Decimal	5465656
CIELab	40.62, -15.87, 23.64
CIELCh	41, 28.475, 123.873
Yxy	11.6273, 0.3452, 0.4443
Android (android.graphics.Color)	4283655736 (0xFF536638)
YUV	91.0750, -17.2920, -7.0818
Hunter-Lab	34.0988, -12.3898, 14.2892

# Details

The Hex color **536638** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4B3866**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **859968**, and **24370C** is the 20% darker color. If you saturate the color by 10%, you get **4F662E**, and if you desaturate by 10%, it is **576642**.

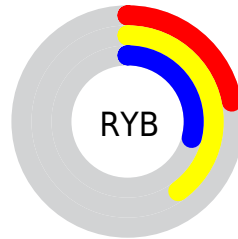
# Distribution



 Red (33%)

 Green (40%)

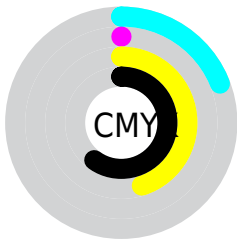
 Blue (22%)



 Red (22%)

 Yellow (40%)

 Blue (29%)

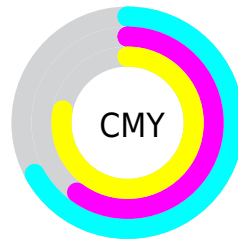


 Cyan (19%)


 Magenta (0%)

 Yellow (45%)

 Black (60%)



 Cyan (67%)

 Magenta (60%)

 Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 536638 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 536638 by changing the saturation by 10% instead.





536638



536638

FFFFFF



3B4E22



859968



24370C



A0B481



102100



BBCF9B



000400



D7ECB6



000000



F4FFD2



FFFEE



536638



536638



4F662E



576642

■ 4B6624

■ 5B664C

■ 466619

■ 606657

■ 42660F

■ 646661

■ 3E6605

■ 68666B

■ 3C6600

■ 6C6675

■ 70667F

■ 75668A

■ 796694

# Harmonies

## Analogous

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



6C5F30



536638



366A4A

# Triad

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



536638



006889



8B4D5E

# Complementary

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



536638



4B3866

# 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.



7F5175



536638



41618E

# Square

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



536638



006B79



665986



8B5047

# Rectangle

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



536638



1B6C5A



665986



894D66



# Sweetspot

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



536638



7D8572



664A38



3E4237



C2C2C2



424242



# Same Dimension

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



536638



67853D



3D6638



31332E



437300



8EF200



# Inverse Universe

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



4B3866



5B3D85



613866



302E33



2F0073



6400F2



# Previews

## White Background



This preview shows how the Hex color 536638 looks on a white background.

## Color Contrast Check

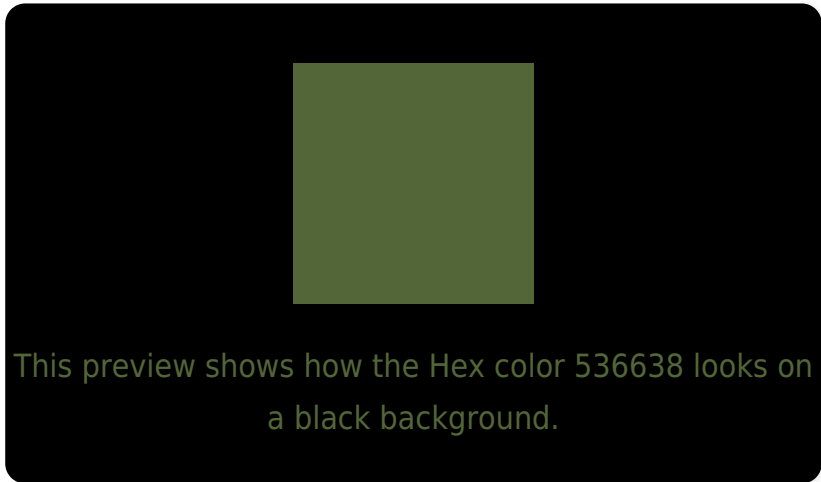
Large Text (above 18pt) WCAG AA ✓ Pass

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

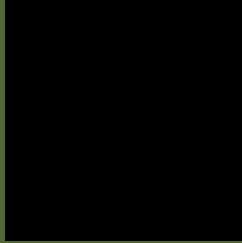
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 536638 Background



This preview shows how black text looks on a background with the Hex color 536638.



This preview shows how white text looks on a background with the Hex color 536638.

# 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**  
536638

**Protanopia**  
696036

**Deuteranopia**  
745B3B



**Tritanopia**  
5A6068

# Trichromacy



**Original Color**  
536638

**Protanomaly**  
616237

**Deuteranomaly**  
685F3A

**Tritanomaly**  
576257

# Monochromacy



**Original Color**  
536638

**Achromatopsia**  
5B5B5B

**Achromatomaly**  
585F4E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 536638 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 #536638 looks like.

```
.text, #text, p{  
    color:#536638  
}
```

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 #536638 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #536638  
}
```

## Border

The CSS property to change the border of an element to Hex 536638 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  
#536638 }
```

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

```
.border{ border-color:#536638 }
```

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

Here you see how a box with a 4 pixel #536638 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #536638; -webkit-box-shadow:4px 4px  
4px 4px #536638; box-shadow:4px 4px 4px  
4px #536638 }
```

# Background

The CSS property to change the background color of an element to Hex 536638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#536638 }
```

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

```
.background{ background-color:#536638 }
```

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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