

# Converting Colors

Hex(577735)

Have a look what the booklet for  
Hex(577735) contains.

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# Color

Hex(577735)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	577735
RGB	87, 119, 53
RGB Percent	34%, 47%, 21%
CMY	0.6588, 0.5333, 0.7922
CMYK	0.27, 0.00, 0.55, 0.53
HSL	89°, 38%, 34%
HSV	89°, 55%, 47%
XYZ	11.1699, 15.4769, 5.7668
YIQ	101.9080, 2.1140, -27.3100

# Conversions

## Conversions Part 2

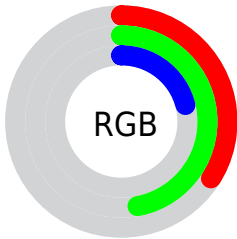
<b>Format</b>	<b>Color</b>
<b>RYB</b>	53, 119, 85
Decimal	5732149
CIELab	46.28, -23.54, 32.27
CIElCh	46, 39.946, 126.109
Yxy	15.4769, 0.3446, 0.4775
Android (android.graphics.Color)	4283922229 (0xFF577735)
YUV	101.9080, -24.1116, -13.0743
Hunter-Lab	39.3407, -18.1652, 18.8474

# Details

The Hex color **577735** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **553577**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **8BAB66**, and **264605** is the 20% darker color. If you saturate the color by 10%, you get **517729**, and if you desaturate by 10%, it is **5D7741**.

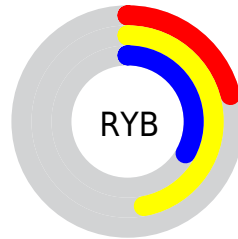
# Distribution



Red (34%)

Green (47%)

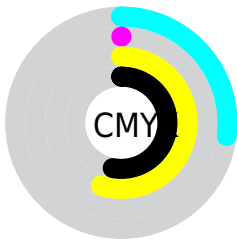
Blue (21%)



Red (21%)

Yellow (47%)

Blue (33%)

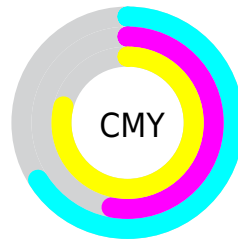


Cyan (27%)

Magenta (0%)

Yellow (55%)

Black (53%)



Cyan (66%)

Magenta (53%)

Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 577735 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 577735 by changing the saturation by 10% instead.





577735



577735

FFFFFF



3E5E1E



8BAB66



264605



A6C77F



0F3000



C1E39A



001D00



DdffB5



000000



FAFFD0



FFFFED



577735



577735



517729



5D7741

■ 4B771D

■ 63774D

■ 467711

■ 687759

■ 407705

■ 6E7765

■ 3D7700

■ 747771

■ 7A777C

■ 7F7788

■ 857794

■ 8B77A0

# Harmonies

## Analogous

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



7A6E28



577735



247C51

# Triad

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



577735



0078AA



AB5068

# Complementary

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



577735



553577

# 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.



9C5689



577735



3C6FB0

# Square

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



577735



007D94



7962A4



A85648

# Rectangle

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



577735



007E68



7962A4



A85173



# Sweetspot

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



577735



8F9C81



775535



474F3F



CFCFCF



4F4F4F



# Same Dimension

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



577735



699C33



367735



383B35



3F7A00



81FA00



# Inverse Universe

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



553577



66339C



763577



38353B



3B007A



7900FA



# Previews

## White Background



This preview shows how the Hex color 577735 looks on a white background.

## Color Contrast Check

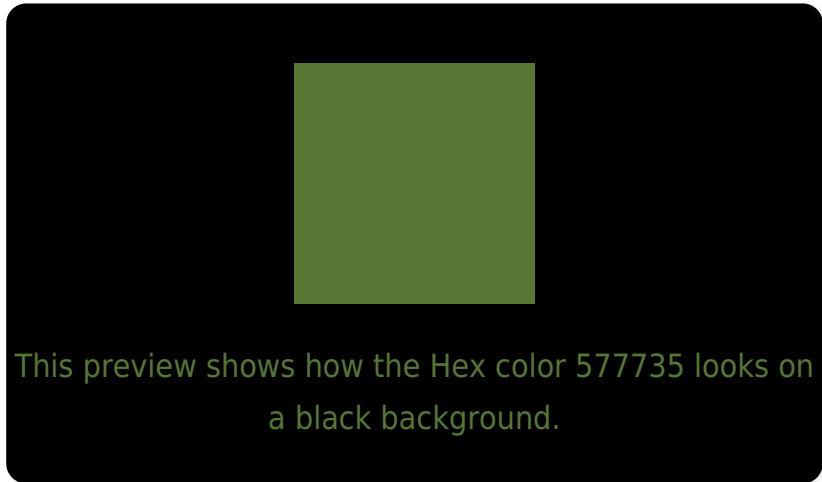
Large Text (above 18pt) WCAG AA ✓ Pass

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

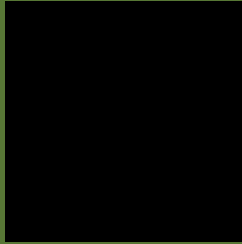
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 577735 Background



This preview shows how black text looks on a background with the Hex color 577735.



This preview shows how white text looks on a background with the Hex color 577735.

# 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**  
577735

**Protanopia**  
796D32

**Deuteranopia**  
866839



**Tritanopia**  
607079

# Trichromacy



**Original Color**  
577735

**Protanomaly**  
6D7133

**Deuteranomaly**  
756D38

**Tritanomaly**  
5D7360

# Monochromacy



**Original Color**  
577735

**Achromatopsia**  
666666

**Achromatomaly**  
616C54

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 577735 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 #577735 looks like.

```
.text, #text, p{  
    color:#577735  
}
```

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 #577735 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #577735
}
```

## Border

The CSS property to change the border of an element to Hex 577735 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
#577735 }
```

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

```
.border{ border-color:#577735 }
```

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

Here you see how a box with a 4 pixel #577735 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #577735; -webkit-box-shadow:4px 4px  
4px 4px #577735; box-shadow:4px 4px 4px  
4px #577735 }
```

# Background

The CSS property to change the background color of an element to Hex 577735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#577735 }
```

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

```
.background{ background-color:#577735 }
```

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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