

# Converting Colors

Hex(587755)

Have a look what the booklet for  
Hex(587755) contains.

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# Color

Hex(587755)

# Conversions

## Conversions Part 1

Format	Color
Hex	587755
RGB	88, 119, 85
RGB Percent	35%, 47%, 33%
CMY	0.6549, 0.5333, 0.6667
CMYK	0.26, 0.00, 0.29, 0.53
HSL	115°, 17%, 40%
HSV	115°, 29%, 47%
XYZ	12.2610, 15.9242, 11.0218
YIQ	105.8550, -7.5620, -17.1460

# Conversions

## Conversions Part 2

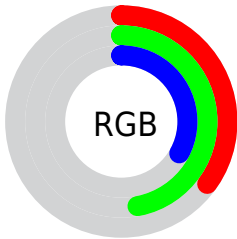
<b>Format</b>	<b>Color</b>
<b>RYB</b>	85, 119, 116
Decimal	5797717
CIELab	46.87, -18.37, 15.20
CIElCh	47, 23.844, 140.409
Yxy	15.9242, 0.3127, 0.4062
Android (android.graphics.Color)	4283987797 (0xFF587755)
YUV	105.8550, -10.2815, -15.6588
Hunter-Lab	39.9052, -14.9893, 11.5578

# Details

The Hex color **587755** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **745577**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **8BAB87**, and **294628** is the 20% darker color. If you saturate the color by 10%, you get **4D7749**, and if you desaturate by 10%, it is **637761**.

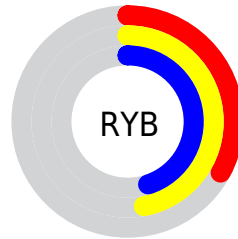
# Distribution



Red (35%)

Green (47%)

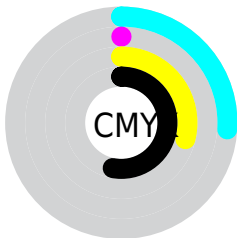
Blue (33%)



Red (33%)

Yellow (47%)

Blue (45%)

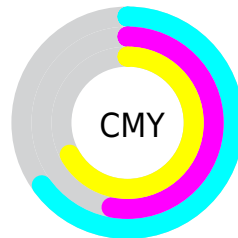


Cyan (26%)

Magenta (0%)

Yellow (29%)

Black (53%)



Cyan (65%)

Magenta (53%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 587755 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 587755 by changing the saturation by 10% instead.



■ 587755

■ 587755

FFFFFF

■ 405E3E

■ 8BAB87

■ 294628

■ A5C7A1

■ 133013

■ C1E3BC

■ 001C00

■ DDFFD8

■ 000000

■ F9FFF4

■ 587755

■ 587755

■ 4D7749

■ 637761

■ 42773D

■ 6E776D

■ 377731

■ 797779

■ 2D7725

■ 837785

■ 227719

■ 8E7790

■ 17770E

■ 99779C

■ 0C7702

■ A477A8

■ 0B7700

■ AF77B4

■ BA77C0

# Harmonies

## Analogous

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



6F7249



587755



407A68

# Triad

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



587755



4A7396



976162

# Complementary

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



587755



745577

# 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.



926176



587755



696C94

# Square

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



587755



30788D



826589



916551

# Rectangle

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



587755



327A76



826589



976069



# Sweetspot

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



587755



8F9C8E



777455



474F46



CFCFCF



4F4F4F



# Same Dimension

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



587755



6B9C67



557763



353B35



0B7A00



16FA00



# Inverse Universe

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



745577



97679C



775569



3A353B



70007A



E400FA



# Previews

## White Background



This preview shows how the Hex color 587755 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

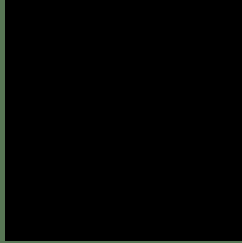
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 587755 Background



This preview shows how black text looks on a background with the Hex color 587755.



This preview shows how white text looks on a background with the Hex color 587755.

# 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**  
587755

**Protanopia**  
776F51

**Deuteranopia**  
816A58



**Tritanopia**  
5F727B

# Trichromacy



**Original Color**  
587755

**Protanomaly**  
6C7252

**Deuteranomaly**  
726F57

**Tritanomaly**  
5C746D

# Monochromacy



**Original Color**  
587755

**Achromatopsia**  
6A6A6A

**Achromatomaly**  
636F62

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 587755 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 #587755 looks like.

```
.text, #text, p{  
    color:#587755  
}
```

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 #587755 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #587755
}
```

## Border

The CSS property to change the border of an element to Hex 587755 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
#587755 }
```

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

```
.border{ border-color:#587755 }
```

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

Here you see how a box with a 4 pixel #587755 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #587755; -webkit-box-shadow:4px 4px  
4px 4px #587755; box-shadow:4px 4px 4px  
4px #587755 }
```

# Background

The CSS property to change the background color of an element to Hex 587755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#587755 }
```

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

```
.background{ background-color:#587755 }
```

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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