

# Converting Colors

Hex(557755)

Have a look what the booklet for  
Hex(557755) contains.

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# Color

Hex(557755)

# Conversions

## Conversions Part 1

Format	Color
Hex	557755
RGB	85, 119, 85
RGB Percent	33%, 47%, 33%
CMY	0.6667, 0.5333, 0.6667
CMYK	0.29, 0.00, 0.29, 0.53
HSL	120°, 17%, 40%
HSV	120°, 29%, 47%
XYZ	11.9828, 15.7808, 11.0088
YIQ	104.9580, -9.3500, -17.7820

# Conversions

## Conversions Part 2

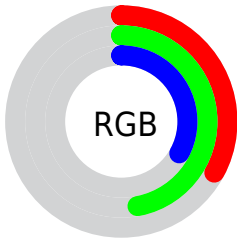
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	85, 119, 119
Decimal	5601109
CIE <sub>Lab</sub>	46.69, -19.48, 14.91
CIE <sub>LCh</sub>	47, 24.531, 142.582
Yxy	15.7808, 0.3091, 0.4070
Android (android.graphics.Color)	4283791189 (0xFF557755)
YUV	104.9580, -9.8393, -17.5032
Hunter-Lab	39.7251, -15.6755, 11.3769

# Details

The Hex color **557755** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **775577**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **88AB87**, and **264628** is the 20% darker color. If you saturate the color by 10%, you get **497749**, and if you desaturate by 10%, it is **617761**.

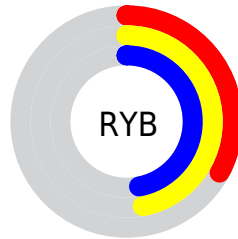
# Distribution



Red (33%)

Green (47%)

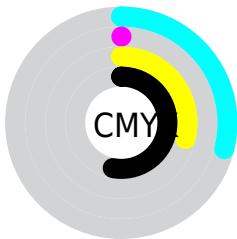
Blue (33%)



Red (33%)

Yellow (47%)

Blue (47%)

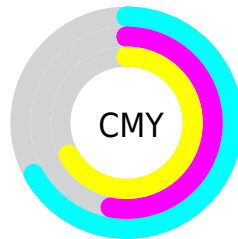


Cyan (29%)

Magenta (0%)

Yellow (29%)

Black (53%)



Cyan (67%)

Magenta (53%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 557755 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 557755 by changing the saturation by 10% instead.





557755



557755

FFFFFF



3D5E3E



88AB87



264628



A2C7A1



0F3013



BDE3BC



001C00



D9FFD8



000000



F6FFF4



557755



557755



497749



617761



3D773D



6D776D

 317731

 797779

 257725

 857785

 197719

 907790

 0E770E

 9C779C

 027702

 A877A8

 007700

 B477B4

 C077C0

# Harmonies

## Analogous

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



6D7248



557755



3C7A69

# Triad

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



557755



4A7297



976060

# Complementary

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



557755



775577

# 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.



935F75



557755



6A6B95

# Square

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



557755



2D778F



846488



91654F

# Rectangle

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



557755



2D7A77



846488



975F67



# Sweetspot

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



557755



8E9C8E



777755



464F46



CFCFCF



4F4F4F



# Same Dimension

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



557755



679C67



557766



353B35



007A00



00FA00



# Inverse Universe

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



775577



9C679C



775566



3B353B



7A007A

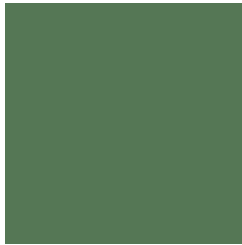


FA00FA



# Previews

## White Background



This preview shows how the Hex color 557755 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

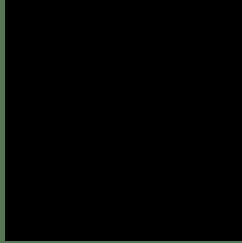
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 557755 Background



This preview shows how black text looks on a background with the Hex color 557755.



This preview shows how white text looks on a background with the Hex color 557755.

# 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**  
557755

**Protanopia**  
766E51

**Deuteranopia**  
816A58



**Tritanopia**  
5C727B

# Trichromacy



**Original Color**  
557755

**Protanomaly**  
6A7152

**Deuteranomaly**  
716F57

**Tritanomaly**  
59746D

# Monochromacy



**Original Color**  
557755

**Achromatopsia**  
696969

**Achromatomaly**  
626E62

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 557755 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 #557755 looks like.

```
.text, #text, p{  
    color:#557755  
}
```

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 #557755 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #557755
}
```

## Border

The CSS property to change the border of an element to Hex 557755 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
#557755 }
```

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

```
.border{ border-color:#557755 }
```

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

Here you see how a box with a 4 pixel #557755 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #557755; -webkit-box-shadow:4px 4px  
4px 4px #557755; box-shadow:4px 4px 4px  
4px #557755 }
```

# Background

The CSS property to change the background color of an element to Hex 557755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#557755 }
```

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

```
.background{ background-color:#557755 }
```

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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