

Converting Colors

Hex(557753)

Have a look what the booklet for
Hex(557753) contains.

Hex(557753)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(557753)

Conversions

Conversions Part 1

Format	Color
Hex	557753
RGB	85, 119, 83
RGB Percent	33%, 47%, 33%
CMY	0.6667, 0.5333, 0.6745
CMYK	0.29, 0.00, 0.30, 0.53
HSL	117°, 18%, 40%
HSV	117°, 30%, 47%
XYZ	11.9045, 15.7495, 10.5961
YIQ	104.7300, -8.7080, -18.4040

Conversions

Conversions Part 2

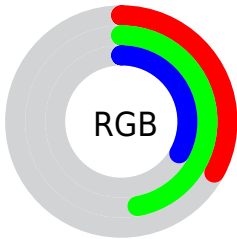
Format	Color
RYB	83, 119, 117
Decimal	5601107
CIELab	46.64, -19.85, 16.01
CIElCh	47, 25.505, 141.110
Yxy	15.7495, 0.3112, 0.4118
Android (android.graphics.Color)	4283791187 (0xFF557753)
YUV	104.7300, -10.7129, -17.3032
Hunter-Lab	39.6856, -15.9053, 11.9494

Details

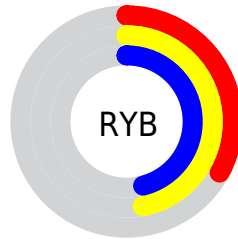
The Hex color **557753** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **755377**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **88AB85**, and **264626** is the 20% darker color. If you saturate the color by 10%, you get **4A7747**, and if you desaturate by 10%, it is **60775F**.

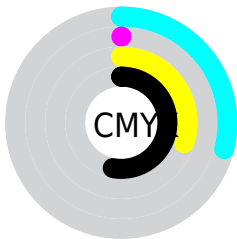
Distribution



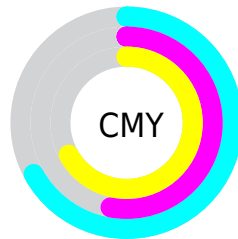
- Red (33%)
- Green (47%)
- Blue (33%)



- Red (33%)
- Yellow (47%)
- Blue (46%)



- Cyan (29%)
- Magenta (0%)
- Yellow (30%)
- Black (53%)



- Cyan (67%)
- Magenta (53%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 557753 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 557753 by changing the saturation by 10% instead.

■ 557753

■ 557753

FFFFFF

■ 3D5E3C

■ 88AB85

■ 264626

■ A2C79F

■ 0F3011

■ BDE3BA

■ 001C00

■ D9FFD6

■ 000000

■ F6FFF2

■ 557753

■ 557753

■ 4A7747

■ 60775F

■ 3F773B

■ 6B776B

■ 33772F

■ 777777

■ 287723

■ 827783

■ 1D7717

■ 8D778E

■ 12770C

■ 98779A

■ 077700

■ A477A6

■ AF77B2

■ BA77BE

Harmonies

Analogous

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



6E7246



557753



3A7A67

Triad

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



557753



467398



995F60

Complementary

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



557753



755377

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.



945F76



557753



686B96

Square

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



557753



27788F



83648A



92644E

Rectangle

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



557753



297A76



83648A



995E67

Sweetspot

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



557753



8E9C8E



777553



474F46



CFCFCF



4F4F4F

Same Dimension

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



557753



679C64



537763



353B35



077A00



0EFA00

Inverse Universe

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



755377



98649C



775367



3A353B



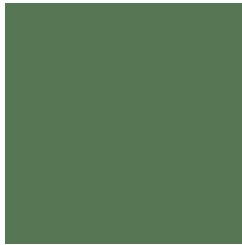
74007A



EC00FA

Previews

White Background



This preview shows how the Hex color 557753 looks on a white background.

Color Contrast Check

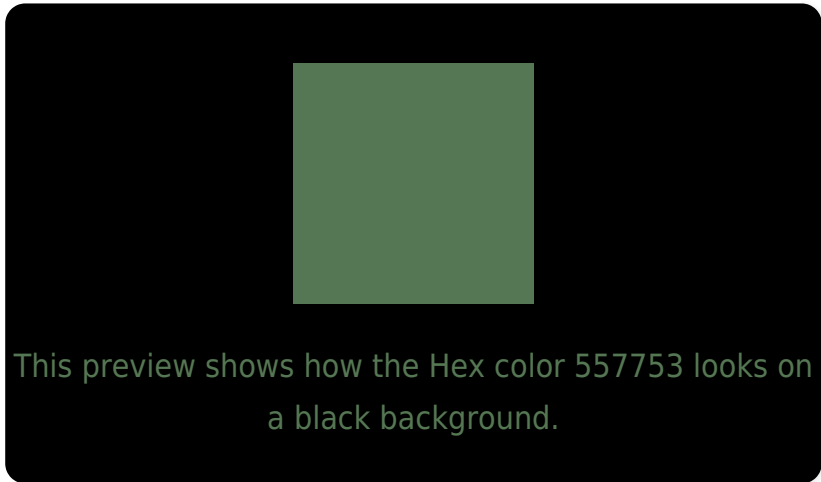
Large Text (above 18pt) WCAG AA ✓ Pass

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

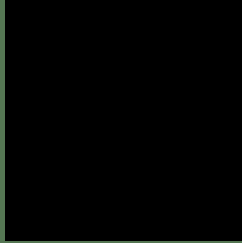
Any Text WCAG AA × Fail

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 557753 Background



This preview shows how black text looks on a background with the Hex color 557753.



This preview shows how white text looks on a background with the Hex color 557753.

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
557753

Protanopia
776E4F

Deuteranopia
816A56



Tritanopia
5C727B

Trichromacy



Original Color
557753

Protanomaly
6B7150

Deuteranomaly
716F55

Tritanomaly
59746C

Monochromacy



Original Color
557753

Achromatopsia
696969

Achromatomaly
626E61

CSS Examples

Text

The CSS property to change the color of the text to Hex 557753 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 #557753 looks like.

```
.text, #text, p{  
    color:#557753  
}
```

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 #557753 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #557753
}
```

Border

The CSS property to change the border of an element to Hex 557753 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
#557753 }
```

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

```
.border{ border-color:#557753 }
```

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

Here you see how a box with a 4 pixel #557753 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #557753; -webkit-box-shadow:4px 4px  
4px 4px #557753; box-shadow:4px 4px 4px  
4px #557753 }
```

Background

The CSS property to change the background color of an element to Hex 557753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#557753 }
```

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

```
.background{ background-color:#557753 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor