

# Converting Colors

Hex(507357)

Have a look what the booklet for  
Hex(507357) contains.

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# Color

**Hex(507357)**

# Conversions

## Conversions Part 1

Format	Color
Hex	507357
RGB	80, 115, 87
RGB Percent	31%, 45%, 34%
CMY	0.6863, 0.5490, 0.6588
CMYK	0.30, 0.00, 0.24, 0.55
HSL	132°, 18%, 38%
HSV	132°, 30%, 45%
XYZ	11.1593, 14.6551, 11.2574
YIQ	101.3430, -11.8720, -16.1280

# Conversions

## Conversions Part 2

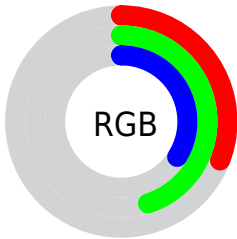
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	80, 109, 115
Decimal	5272407
CIE <sub>Lab</sub>	45.16, -18.78, 11.58
CIE <sub>LCh</sub>	45, 22.061, 148.350
Yxy	14.6551, 0.3010, 0.3953
Android (android.graphics.Color)	4283462487 (0xFF507357)
YUV	101.3430, -7.0711, -18.7178
Hunter-Lab	38.2819, -14.9601, 9.3622

# Details

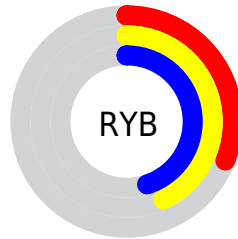
The Hex color **507357** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **73506C**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **82A789**, and **21432A** is the 20% darker color. If you saturate the color by 10%, you get **44734E**, and if you desaturate by 10%, it is **5C7360**.

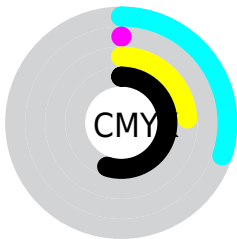
# Distribution



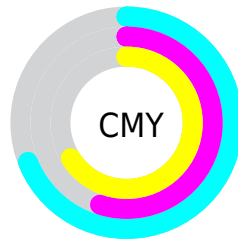
- Red (31%)
- Green (45%)
- Blue (34%)



- Red (31%)
- Yellow (43%)
- Blue (45%)



- Cyan (30%)
- Magenta (0%)
- Yellow (24%)
- Black (55%)



- Cyan (69%)
- Magenta (55%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 507357 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 507357 by changing the saturation by 10% instead.



■ 507357

■ 507357

FFFFFF

■ 385A40

■ 82A789

■ 21432A

■ 9DC2A3

■ 0A2C15

■ B8DEBE

■ 001900

■ D4FBDA

■ 000000

■ F0FFF7

■ 507357

■ 507357

■ 44734E

■ 5C7360

■ 397345

■ 677369

■ 2D733B

■ 727373

■ 227332

■ 7E737C

■ 167329

■ 8A7385

■ 0B7320

■ 95738E

■ 007317

■ A17397

■ AC73A1

■ B873AA

# Harmonies

## Analogous

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



656F4A



507357



3B7569

# Triad

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



507357



516D8F



8F5E5A

# Complementary

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



507357



73506C

# 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.



8D5D6D



507357



6C668B

# Square

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



507357



38728A



81607E



87634C

# Rectangle

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



507357



317576



81607E



905D60



# Sweetspot

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



507357



89968C



6C7350



444D46



CCCCCC



4D4D4D



# Same Dimension

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



507357



5F966A



507369



353B36



007A18



00FA32



# Inverse Universe

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



73506C



965F8B



73505B



3B3539



7A0062



FA00C8



# Previews

## White Background



This preview shows how the Hex color 507357 looks on a white background.

## Color Contrast Check

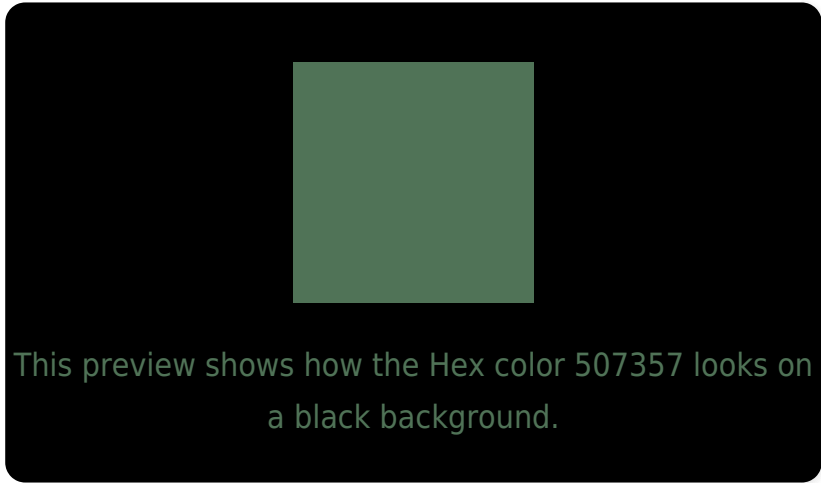
Large Text (above 18pt) WCAG AA ✓ Pass

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

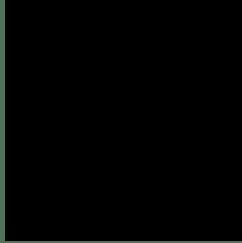
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 507357 Background



This preview shows how black text looks on a background with the Hex color 507357.



This preview shows how white text looks on a background with the Hex color 507357.

# 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**  
507357

**Protanopia**  
726A53

**Deuteranopia**  
7B665A



**Tritanopia**  
566F78

# Trichromacy



**Original Color**  
507357

**Protanomaly**  
666D54

**Deuteranomaly**  
6B6B59

**Tritanomaly**  
54706C

# Monochromacy



**Original Color**  
507357

**Achromatopsia**  
656565

**Achromatomaly**  
5D6A60

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 507357 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 #507357 looks like.

```
.text, #text, p{  
    color:#507357  
}
```

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 #507357 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #507357
}
```

## Border

The CSS property to change the border of an element to Hex 507357 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
#507357 }
```

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

```
.border{ border-color:#507357 }
```

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

Here you see how a box with a 4 pixel #507357 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #507357; -webkit-box-shadow:4px 4px  
4px 4px #507357; box-shadow:4px 4px 4px  
4px #507357 }
```

# Background

The CSS property to change the background color of an element to Hex 507357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#507357 }
```

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

```
.background{ background-color:#507357 }
```

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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