

# Converting Colors

Hex(587541)

Have a look what the booklet for  
Hex(587541) contains.

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# Color

**Hex(587541)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	587541
RGB	88, 117, 65
RGB Percent	35%, 46%, 25%
CMY	0.6549, 0.5412, 0.7451
CMYK	0.25, 0.00, 0.44, 0.54
HSL	93°, 29%, 36%
HSV	93°, 44%, 46%
XYZ	11.3399, 15.1789, 7.3332
YIQ	102.4010, -0.5920, -22.3200

# Conversions

## Conversions Part 2

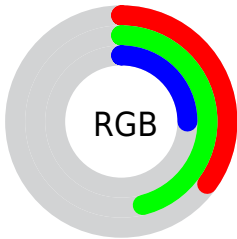
<b>Format</b>	<b>Color</b>
<b>RYB</b>	65, 117, 94
Decimal	5797185
CIELab	45.88, -20.57, 25.31
CIELCh	46, 32.619, 129.096
Yxy	15.1789, 0.3350, 0.4484
Android (android.graphics.Color)	4283987265 (0xFF587541)
YUV	102.4010, -18.4387, -12.6297
Hunter-Lab	38.9602, -16.2252, 16.1124

# Details

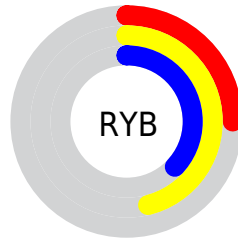
The Hex color **587541** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5E4175**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **8BA972**, and **284514** is the 20% darker color. If you saturate the color by 10%, you get **517535**, and if you desaturate by 10%, it is **5F754D**.

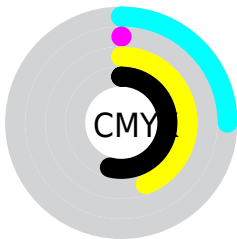
# Distribution



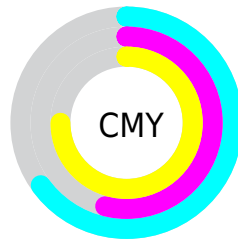
- Red (35%)
- Green (46%)
- Blue (25%)



- Red (25%)
- Yellow (46%)
- Blue (37%)



- Cyan (25%)
- Magenta (0%)
- Yellow (44%)
- Black (54%)



- Cyan (65%)
- Magenta (54%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 587541 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 587541 by changing the saturation by 10% instead.



■ 587541

■ 587541

FFFFFF

■ 405C2A

■ 8BA972

■ 284514

■ A6C58C

■ 132E00

■ C1E1A6

■ 001B00

■ DDFDC1

■ 000000

■ FAFFDD

■ FFFFFA

■ 587541

■ 587541

■ 517535

■ 5F754D

■ 4B752A

■ 657558

■ 44751E

■ 6C7564

■ 3E7512

■ 727570

■ 377506

■ 79757C

■ 347500

■ 7F7587

■ 867593

■ 8C759F

■ 9375AA

# Harmonies

## Analogous

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



766E35



587541



337958

# Triad

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



587541



02759F



A05665

# Complementary

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



587541



5E4175

# 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.



955981



587541



506DA2

# Square

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



587541



00798E



7A6297



9D5B4C

# Rectangle

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



587541



057B6B



7A6297



9E566F



# Sweetspot

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



587541



8E9985



755E41



464D40



CCCCCC



4D4D4D



# Same Dimension

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



587541



6C9948



417544



373B35



367A00



6FFA00



# Inverse Universe

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



5E4175



754899



754172



38353B



44007A



8B00FA



# Previews

## White Background



This preview shows how the Hex color 587541 looks on a white background.

## Color Contrast Check

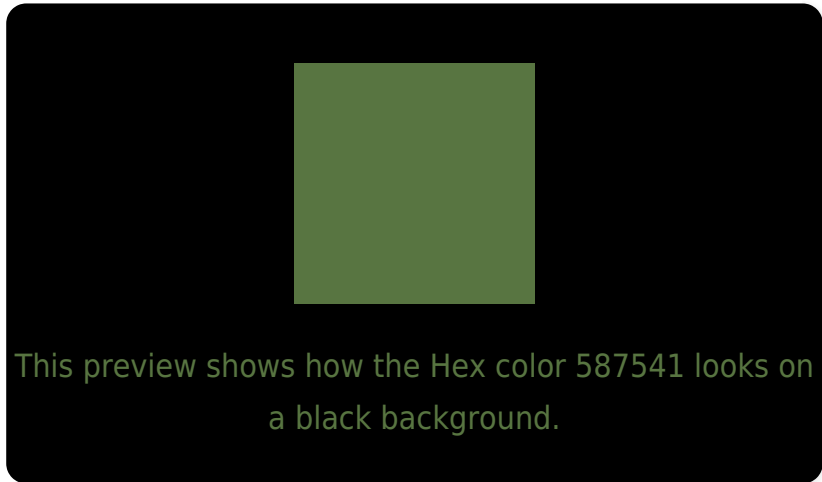
Large Text (above 18pt) WCAG AA ✓ Pass

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

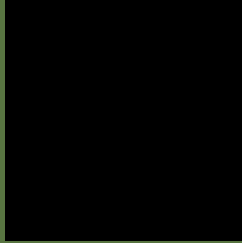
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 587541 Background



This preview shows how black text looks on a background with the Hex color 587541.



This preview shows how white text looks on a background with the Hex color 587541.

# 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**  
587541

**Protanopia**  
776C3E

**Deuteranopia**  
836744

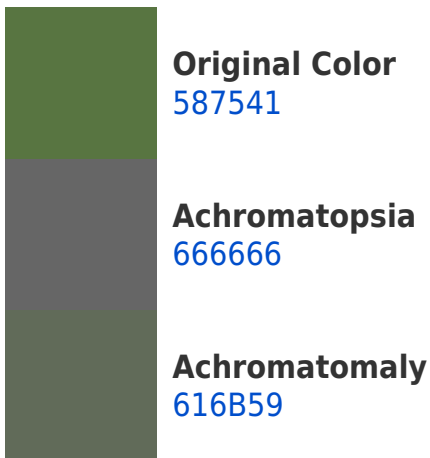


**Tritanopia**  
606F78

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 587541 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 #587541 looks like.

```
.text, #text, p{  
    color:#587541  
}
```

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 #587541 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #587541
}
```

## Border

The CSS property to change the border of an element to Hex 587541 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".

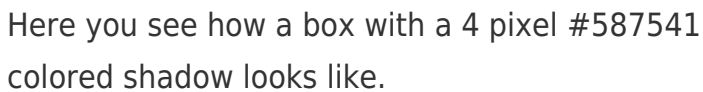
```
.border, #border, table{ border:4px solid
#587541 }
```

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

```
.border{ border-color:#587541 }
```

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

Here you see how a box with a 4 pixel #587541 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #587541; -webkit-box-shadow:4px 4px  
4px 4px #587541; box-shadow:4px 4px 4px  
4px #587541 }
```

# Background

The CSS property to change the background color of an element to Hex 587541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#587541 }
```

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

```
.background{ background-color:#587541 }
```

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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