

Converting Colors

Hex(586347)

Have a look what the booklet for
Hex(586347) contains.

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Color

Hex(586347)

Conversions

Conversions Part 1

Format	Color
Hex	586347
RGB	88, 99, 71
RGB Percent	35%, 39%, 28%
CMY	0.6549, 0.6118, 0.7216
CMYK	0.11, 0.00, 0.28, 0.61
HSL	84°, 16%, 33%
HSV	84°, 28%, 39%
XYZ	9.6237, 11.4533, 7.6647
YIQ	92.5190, 2.4320, -11.0400

Conversions

Conversions Part 2

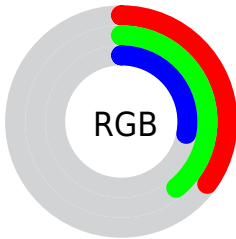
Format	Color
RYB	71, 99, 82
Decimal	5792583
CIELab	40.33, -9.77, 14.55
CIELCh	40, 17.526, 123.897
Yxy	11.4533, 0.3348, 0.3985
Android (android.graphics.Color)	4283982663 (0xFF586347)
YUV	92.5190, -10.6089, -3.9632
Hunter-Lab	33.8428, -8.4658, 10.2619

Details

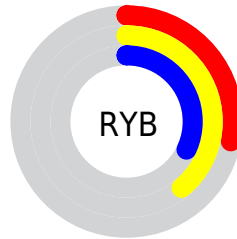
The Hex color **586347** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **524763**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **8A9678**, and **2A341B** is the 20% darker color. If you saturate the color by 10%, you get **54633D**, and if you desaturate by 10%, it is **5C6351**.

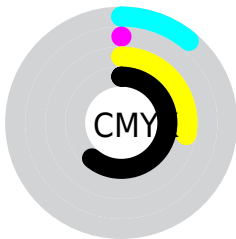
Distribution



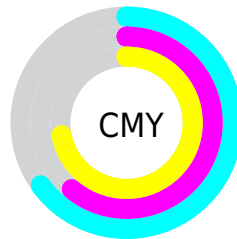
- Red (35%)
- Green (39%)
- Blue (28%)



- Red (28%)
- Yellow (39%)
- Blue (32%)



- Cyan (11%)
- Magenta (0%)
- Yellow (28%)
- Black (61%)



- Cyan (65%)
- Magenta (61%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 586347 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 586347 by changing the saturation by 10% instead.



586347



586347

FFFFFF



404B30



8A9678



2A341B



A5B091



171F02



C0CCAC



000200



DCE8C7



000000



F8FFE3



586347



586347



54633D



5C6351



506333



60635B

■ 4C6329

■ 646365

■ 48631F

■ 68636F

■ 456316

■ 6B6379

■ 41630C

■ 6F6382

■ 3D6302

■ 73638C

■ 3C6300

■ 776396

■ 7B63A0

Harmonies

Analogous

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



685F42



586347



486652

Triad

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



586347



3D6478



7B555E

Complementary

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



586347



524763

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.



73566C



586347



50607B

Square

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



586347



34666E



645B77



7B5650

Rectangle

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



586347



3D675C



645B77



795563

Sweetspot

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



586347



7B8075



635247



3D4039



BFBFBF



404040

Same Dimension

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



586347



6E8054



4A6347



2F302C



447000



92F000

Inverse Universe

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



524763



655480



604763



2E2C30



2C0070



5E00F0

Previews

White Background



This preview shows how the Hex color 586347 looks on a white background.

Color Contrast Check

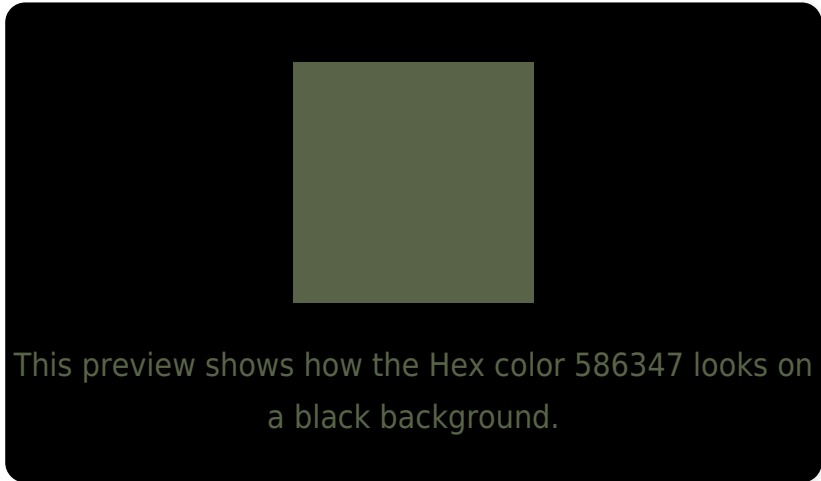
Large Text (above 18pt) WCAG AA ✓ Pass

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 586347 Background



This preview shows how black text looks on a background with the Hex color 586347.



This preview shows how white text looks on a background with the Hex color 586347.

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
586347

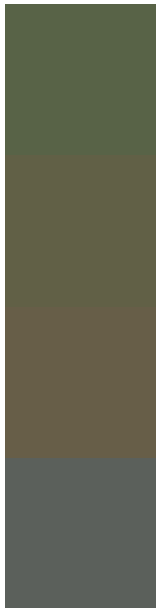
Protanopia
665F45

Deuteranopia
6F5B49



Tritanopia
5C5F66

Trichromacy



Original Color
586347

Protanomaly
616046

Deuteranomaly
675E48

Tritanomaly
5B605B

Monochromacy



Original Color
586347

Achromatopsia
5D5D5D

Achromatomaly
5B5F55

CSS Examples

Text

The CSS property to change the color of the text to Hex 586347 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 #586347 looks like.

```
.text, #text, p{  
    color:#586347  
}
```

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 #586347 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #586347
}
```

Border

The CSS property to change the border of an element to Hex 586347 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".

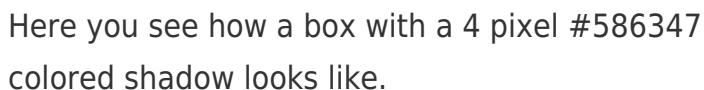
```
.border, #border, table{ border:4px solid
#586347 }
```

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

```
.border{ border-color:#586347 }
```

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

Here you see how a box with a 4 pixel #586347 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #586347; -webkit-box-shadow:4px 4px  
4px 4px #586347; box-shadow:4px 4px 4px  
4px #586347 }
```

Background

The CSS property to change the background color of an element to Hex 586347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#586347 }
```

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

```
.background{ background-color:#586347 }
```

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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