

Converting Colors

Hex(586D39)

Have a look what the booklet for
Hex(586D39) contains.

Hex(586D39)	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(586D39)

Conversions

Conversions Part 1

Format	Color
Hex	586D39
RGB	88, 109, 57
RGB Percent	35%, 43%, 22%
CMY	0.6549, 0.5725, 0.7765
CMYK	0.19, 0.00, 0.48, 0.57
HSL	84°, 31%, 33%
HSV	84°, 48%, 43%
XYZ	10.2317, 13.3074, 5.9002
YIQ	96.7930, 4.1760, -20.6240

Conversions

Conversions Part 2

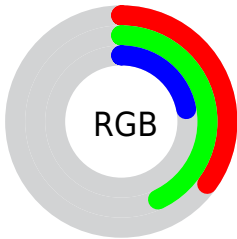
Format	Color
RYB	57, 109, 78
Decimal	5795129
CIELab	43.22, -17.42, 26.43
CIElCh	43, 31.650, 123.393
Yxy	13.3074, 0.3476, 0.4520
Android (android.graphics.Color)	4283985209 (0xFF586D39)
YUV	96.7930, -19.6179, -7.7115
Hunter-Lab	36.4793, -13.7734, 15.9459

Details

The Hex color **586D39** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4E396D**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **8BA169**, and **293D0C** is the 20% darker color. If you saturate the color by 10%, you get **546D2E**, and if you desaturate by 10%, it is **5C6D44**.

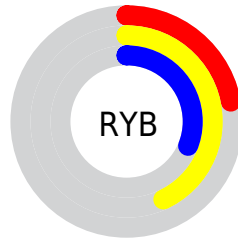
Distribution



Red (35%)

Green (43%)

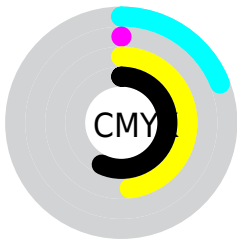
Blue (22%)



Red (22%)

Yellow (43%)

Blue (31%)

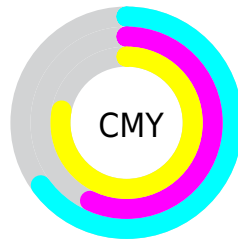


Cyan (19%)

Magenta (0%)

Yellow (48%)

Black (57%)



Cyan (65%)

Magenta (57%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 586D39 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 586D39 by changing the saturation by 10% instead.



586D39



586D39

FFFFFF



405522



8BA169



293D0C



A6BC83



142700



C1D79D



001300



DDF4B8



000000



FAFFD4



FFFFF0



586D39



586D39



546D2E



5C6D44

■ 4F6D23

■ 616D4F

■ 4B6D18

■ 656D5A

■ 466D0D

■ 6A6D65

■ 426D03

■ 6E6D6F

■ 416D00

■ 726D7A

■ 776D85

■ 7B6D90

■ 806D9B

Harmonies

Analogous

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



736631



586D39



36724E

Triad

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



586D39



006F94



975164

Complementary

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



586D39



4E396D

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.



89557E



586D39



41689A

Square

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



586D39



007382



6C5E92



96544B

Rectangle

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



586D39



14735F



6C5E92



94516D

Sweetspot

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



586D39



878F7B



6D4E39



42473B



C7C7C7



474747

Same Dimension

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



586D39



6E8F3D



3E6D39



333630



467500



92F500

Inverse Universe

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



4E396D



5E3D8F



68396D



323036



2F0075



6300F5

Previews

White Background



This preview shows how the Hex color 586D39 looks on a white background.

Color Contrast Check

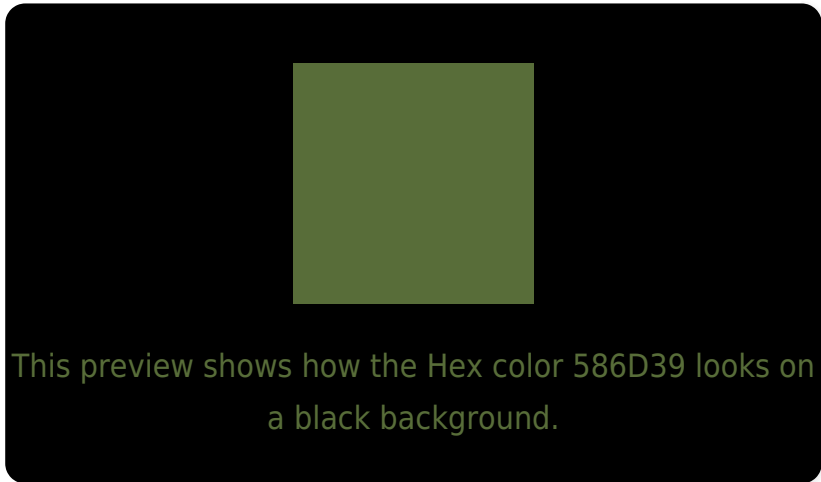
Large Text (above 18pt) WCAG AA ✓ Pass

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

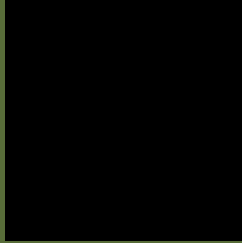
Any Text WCAG AA × Fail

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 586D39 Background



This preview shows how black text looks on a background with the Hex color 586D39.



This preview shows how white text looks on a background with the Hex color 586D39.

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](#).

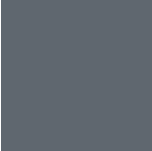
Dichromacy



Original Color
586D39

Protanopia
706637

Deuteranopia
7C613C



Tritanopia
5F676F

Trichromacy



Original Color
586D39

Protanomaly
676938

Deuteranomaly
6F653B

Tritanomaly
5C695B

Monochromacy



Original Color
586D39

Achromatopsia
616161

Achromatomaly
5E6552

CSS Examples

Text

The CSS property to change the color of the text to Hex 586D39 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 #586D39 looks like.

```
.text, #text, p{  
    color:#586D39  
}
```

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 #586D39 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #586D39
}
```

Border

The CSS property to change the border of an element to Hex 586D39 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
#586D39 }
```

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

```
.border{ border-color:#586D39 }
```

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

Here you see how a box with a 4 pixel #586D39 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #586D39; -webkit-box-shadow:4px 4px  
4px 4px #586D39; box-shadow:4px 4px 4px  
4px #586D39 }
```

Background

The CSS property to change the background color of an element to Hex 586D39 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#586D39 }
```

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

```
.background{ background-color:#586D39 }
```

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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