

Converting Colors

Hex(586F53)

Have a look what the booklet for
Hex(586F53) contains.

Hex(586F53)	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(586F53)

Conversions

Conversions Part 1

Format	Color
Hex	586F53
RGB	88, 111, 83
RGB Percent	35%, 44%, 33%
CMY	0.6549, 0.5647, 0.6745
CMYK	0.21, 0.00, 0.25, 0.56
HSL	109°, 14%, 38%
HSV	109°, 25%, 44%
XYZ	11.2703, 14.0681, 10.3050
YIQ	100.9310, -4.7200, -13.5840

Conversions

Conversions Part 2

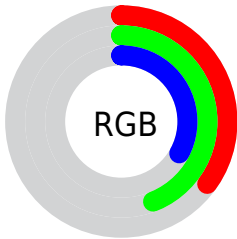
Format	Color
RYB	83, 111, 106
Decimal	5795667
CIELab	44.33, -14.40, 12.87
CIELCh	44, 19.319, 138.208
Yxy	14.0681, 0.3162, 0.3947
Android (android.graphics.Color)	4283985747 (0xFF586F53)
YUV	100.9310, -8.8400, -11.3405
Hunter-Lab	37.5075, -12.0023, 9.9656

Details

The Hex color **586F53** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **6A536F**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **8AA385**, and **2A3F26** is the 20% darker color. If you saturate the color by 10%, you get **4F6F48**, and if you desaturate by 10%, it is **616F5E**.

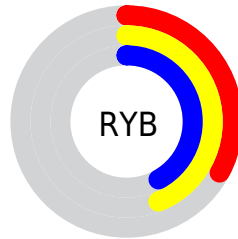
Distribution



Red (35%)

Green (44%)

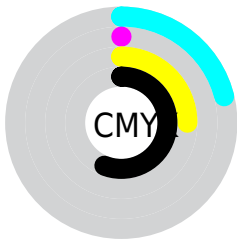
Blue (33%)



Red (33%)

Yellow (44%)

Blue (42%)

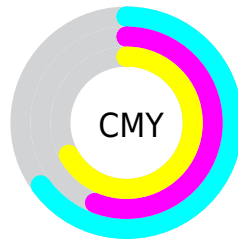


Cyan (21%)

Magenta (0%)

Yellow (25%)

Black (56%)



Cyan (65%)

Magenta (56%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 586F53 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 586F53 by changing the saturation by 10% instead.

■ 586F53

■ 586F53

FFFFFF

■ 40573C

■ 8AA385

■ 2A3F26

■ A5BE9F

■ 142911

■ C0DABA

■ 001600

■ DCF6D5

■ 000000

■ F9FFF2

■ 586F53

■ 586F53

■ 4F6F48

■ 616F5E

■ 466F3D

■ 6A6F69

 3D6F32


 736F74

 346F27

 7C6F7F

 2A6F1C

 866F8B

 216F10

 8F6F96

 186F05

 986FA1

 146F00

 A16FAC

 AA6FB7

Harmonies

Analogous

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



6A6B4A



586F53



467162

Triad

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



586F53



4C6C88



895D60

Complementary

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



586F53



6A536F

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.



855E70



586F53



636787

Square

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



586F53



3B7080



77617E



856052

Rectangle

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



586F53



3C726D



77617E



895D65

Sweetspot

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



586F53



889186



6F6A53



444A43



C9C9C9



4A4A4A

Same Dimension

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



586F53



6E9166



536F5C



333832



157800



2CF700

Inverse Universe

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



6A536F



8A6691



6F5366



373238



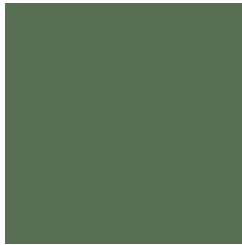
620078



CB00F7

Previews

White Background



This preview shows how the Hex color 586F53 looks on a white background.

Color Contrast Check

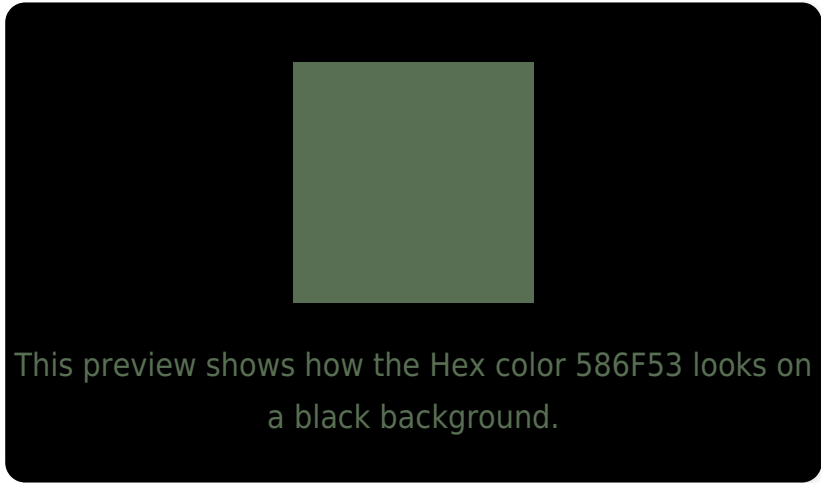
Large Text (above 18pt) WCAG AA ✓ Pass

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

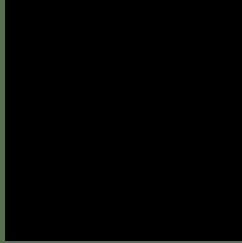
Any Text WCAG AA × Fail

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 586F53 Background



This preview shows how black text looks on a background with the Hex color 586F53.



This preview shows how white text looks on a background with the Hex color 586F53.

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](#).

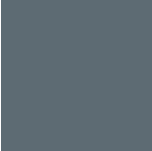
Dichromacy



Original Color
586F53

Protanopia
706850

Deuteranopia
796455



Tritanopia
5D6B73

Trichromacy



Original Color
586F53

Protanomaly
676B51

Deuteranomaly
6D6854

Tritanomaly
5B6C67

Monochromacy



Original Color
586F53

Achromatopsia
656565

Achromatomaly
60695E

CSS Examples

Text

The CSS property to change the color of the text to Hex 586F53 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 #586F53 looks like.

```
.text, #text, p{  
    color:#586F53  
}
```

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 #586F53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #586F53  
}
```

Border

The CSS property to change the border of an element to Hex 586F53 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  
#586F53 }
```

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

```
.border{ border-color:#586F53 }
```

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

Here you see how a box with a 4 pixel #586F53 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #586F53; -webkit-box-shadow:4px 4px  
4px 4px #586F53; box-shadow:4px 4px 4px  
4px #586F53 }
```

Background

The CSS property to change the background color of an element to Hex 586F53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#586F53 }
```

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

```
.background{ background-color:#586F53 }
```

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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