Converting Colors

Hex(586F44)

Have a look what the booklet for Hex(586F44) contains.

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Color

Hex(586F44)

Conversions

Conversions Part 1

Format	Color
Hex	586F44
RGB	88, 111, 68
RGB Percent	35%, 44%, 27%
CMY	0.6549, 0.5647, 0.7333
CMYK	0.21, 0.00, 0.39, 0.56
HSL	92°, 24%, 35%
HSV	92°, 39%, 44%
XYZ	10.7523, 13.8609, 7.5776
YIQ	99.2210, 0.0950, -18.2490

Conversions

Conversions Part 2

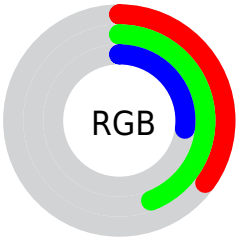
Format	Color
RYB	68, 111, 91
Decimal	5795652
CIELab	44.03, -16.94, 21.24
CIELCh	44, 27.169, 128.580
Yxy	13.8609, 0.3340, 0.4306
Android (android.graphics.Color)	4283985732 (0xFF586F44)
YUV	99.2210, -15.3920, -9.8408
Hunter-Lab	37.2303, -13.6011, 13.9938

Details

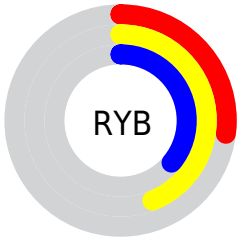
The Hex color 586F44 is a dark color, and the websafe version is hex 666633. A complement of this color would be 5B446F, and the grayscale version is 636363.

A 20% lighter version of the original color is 8BA375, and 293F18 is the 20% darker color. If you saturate the color by 10%, you get 526F39, and if you desaturate by 10%, it is 5E6F4F.

Distribution

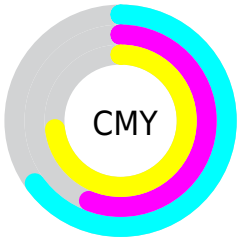


- Red (35%)
- Green (44%)
- Blue (27%)



- Red (27%)
- Yellow (44%)
- Blue (36%)

- Cyan (21%)
- Magenta (0%)
- Yellow (39%)
- Black (56%)



- Cyan (65%)
- Magenta (56%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 586F44 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 586F44 by changing the saturation by 10% instead.

586F44

FFFFFF

8BA375

A5BE8E

C1DAA9

DDF6C4

F9FFE0

FFFFFD

586F44

40572D

293F18

152900

001600

000000

586F44

526F39

586F44

5E6F4F

4C6F2E	646F5A
466F23	6A6F65
406F18	706F70
3A6F0C	766F7C
346F01	7C6F87
346F00	826F92
	876F9D
	8D6FA8

Harmonies

Analogous

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

70693B

586F44

3C7357

Triad

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

586F44

286F92

945662

Complementary

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

586F44

5B446F

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.

8A5979

586F44

526894

Square

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

586F44

007383

73608B

915A4D

Rectangle

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

586F44

267466

73608B

92576A

Sweetspot

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

586F44

889180

6F5B44

444A40

C9C9C9

4A4A4A

Same Dimension

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

586F44

6E914E

446F45

353832

387800

73F700

Inverse Universe

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

5B446F

724E91

6F446E

353238

400078

8400F7

Previews

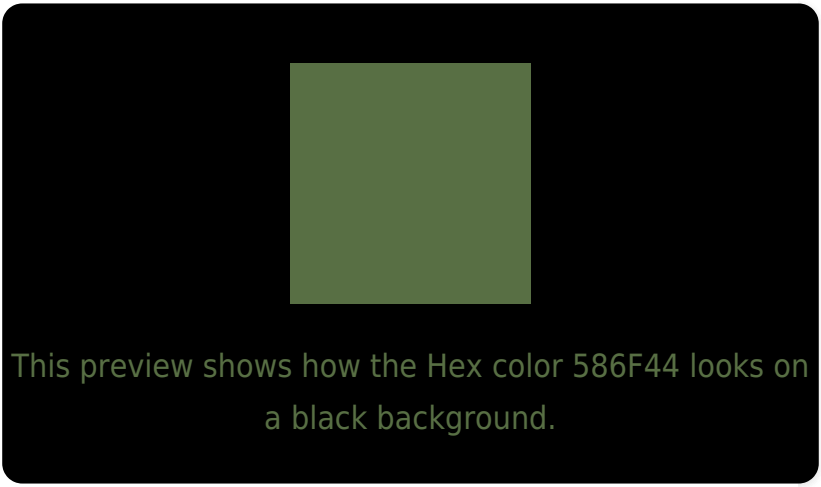
White Background

This preview shows how the Hex color 586F44 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

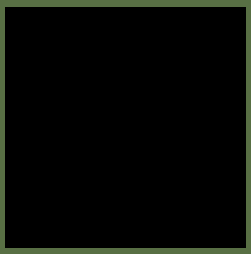


Color Contrast Check

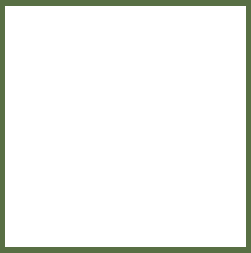
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the Color Contrast Checker.

Hex 586F44 Background



This preview shows how black text looks on a background with the Hex color 586F44.



This preview shows how white text looks on a background with the Hex color 586F44.

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
586F44

Protanopia
716841

Deuteranopia
7C6347

Tritanopia
5F6972

Trichromacy

Original Color
586F44

Protanomaly
686B42

Deuteranomaly
6F6746

Tritanomaly
5C6B61

Monochromacy

Original Color
586F44

Achromatopsia
636363

Achromatomaly
5F6758

CSS Examples

Text

The CSS property to change the color of the text to Hex 586F44 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 #586F44 looks like.

```
.text, #text, p{
    color:#586F44
}
```

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 #586F44 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #586F44
}
```

Border

The CSS property to change the border of an element to Hex 586F44 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
#586F44 }
```

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

```
.border{ border-color:#586F44 }
```

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

Here you see how a box with a 4 pixel #586F44 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px #586F44; -webkit-box-shadow:4px 4px 4px 4px #586F44; box-shadow:4px 4px 4px 4px #586F44 }
```

Background

The CSS property to change the background color of an element to Hex 586F44 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:#586F44 }
```

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

```
.background{ background-color:#586F44 }
```

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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