

Converting Colors

Hex(586E3B)

Have a look what the booklet for
Hex(586E3B) contains.

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Color

Hex(586E3B)

Conversions

Conversions Part 1

Format	Color
Hex	586E3B
RGB	88, 110, 59
RGB Percent	35%, 43%, 23%
CMY	0.6549, 0.5686, 0.7686
CMYK	0.20, 0.00, 0.46, 0.57
HSL	86°, 30%, 33%
HSV	86°, 46%, 43%
XYZ	10.3898, 13.5423, 6.2040
YIQ	97.6080, 3.2590, -20.5250

Conversions

Conversions Part 2

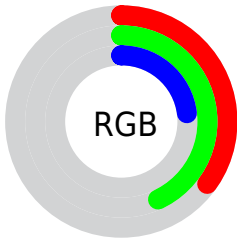
Format	Color
RYB	59, 110, 81
Decimal	5795387
CIELab	43.57, -17.69, 25.75
CIELCh	44, 31.239, 124.498
Yxy	13.5423, 0.3448, 0.4494
Android (android.graphics.Color)	4283985467 (0xFF586E3B)
YUV	97.6080, -19.0337, -8.4262
Hunter-Lab	36.7999, -14.0033, 15.7644

Details

The Hex color **586E3B** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **513B6E**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **8BA26B**, and **293E0E** is the 20% darker color. If you saturate the color by 10%, you get **536E30**, and if you desaturate by 10%, it is **5D6E46**.

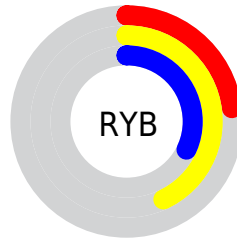
Distribution



 Red (35%)

 Green (43%)

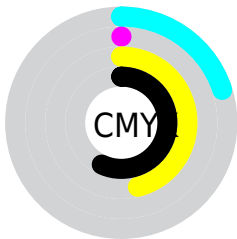
 Blue (23%)



 Red (23%)

 Yellow (43%)

 Blue (32%)

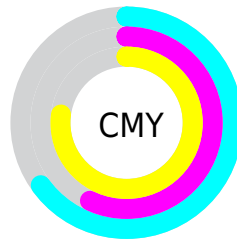


 Cyan (20%)

 Magenta (0%)

 Yellow (46%)

 Black (57%)



 Cyan (65%)

 Magenta (57%)

 Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 586E3B 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 586E3B by changing the saturation by 10% instead.



586E3B



586E3B

FFFFFF



405624



8BA26B



293E0E



A6BD85



142800



C1D99F



001500



DDF5BA



000000



FAFFD6



FFFFFF3



586E3B



586E3B



536E30



5D6E46

■ 4F6E25

■ 616E51

■ 4A6E1A

■ 666E5C

■ 456E0F

■ 6B6E67

■ 406E04

■ 706E72

■ 3F6E00

■ 746E7D

■ 796E88

■ 7E6E93

■ 836E9E

Harmonies

Analogous

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



736732



586E3B



377350

Triad

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



586E3B



007095



975264

Complementary

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



586E3B



513B6E

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.



8A567E



586E3B



44689A

Square

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



586E3B



007483



6E5F92



96554B

Rectangle

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



586E3B



157461



6E5F92



95526D

Sweetspot

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



586E3B



868F7B



6E503B



42473B



C7C7C7



474747

Same Dimension

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



586E3B



6C8F3F



3F6E3B



363832



447800



8DF700

Inverse Universe

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



513B6E



613F8F



6A3B6E



353238



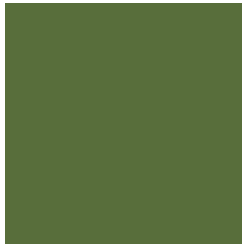
340078



6B00F7

Previews

White Background



This preview shows how the Hex color 586E3B looks on a white background.

Color Contrast Check

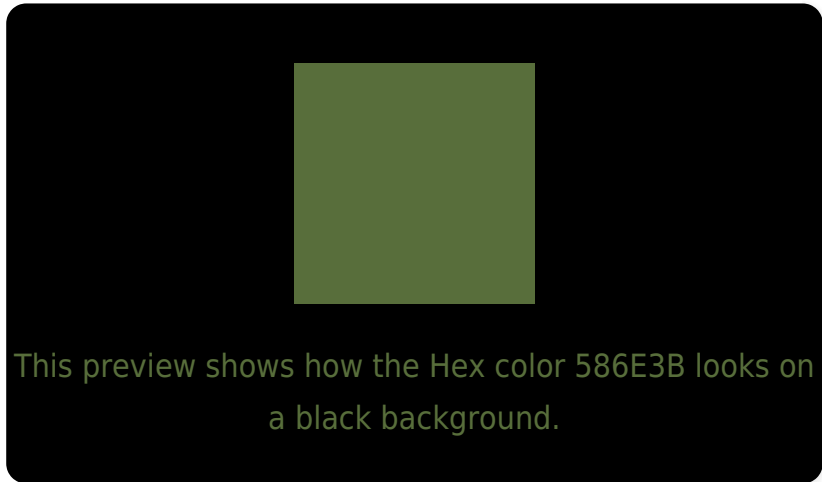
Large Text (above 18pt) WCAG AA ✓ Pass

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

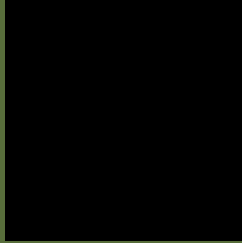
Any Text WCAG AA × Fail

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 586E3B Background



This preview shows how black text looks on a background with the Hex color 586E3B.



This preview shows how white text looks on a background with the Hex color 586E3B.

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
586E3B

Protanopia
716738

Deuteranopia
7D623E



Tritanopia
5F6870

Trichromacy



Original Color
586E3B

Protanomaly
686A39

Deuteranomaly
70663D

Tritanomaly
5C6A5D

Monochromacy



Original Color
586E3B

Achromatopsia
626262

Achromatomaly
5E6654

CSS Examples

Text

The CSS property to change the color of the text to Hex 586E3B 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 #586E3B looks like.

```
.text, #text, p{  
    color:#586E3B  
}
```

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 #586E3B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #586E3B
}
```

Border

The CSS property to change the border of an element to Hex 586E3B 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
#586E3B }
```

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

```
.border{ border-color:#586E3B }
```

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

Here you see how a box with a 4 pixel #586E3B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #586E3B; -webkit-box-shadow:4px 4px  
4px 4px #586E3B; box-shadow:4px 4px 4px  
4px #586E3B }
```

Background

The CSS property to change the background color of an element to Hex 586E3B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#586E3B }
```

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

```
.background{ background-color:#586E3B }
```

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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