

Converting Colors

Hex(586B4E)

Have a look what the booklet for
Hex(586B4E) contains.

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Color

Hex(586B4E)

Conversions

Conversions Part 1

Format	Color
Hex	586B4E
RGB	88, 107, 78
RGB Percent	35%, 42%, 31%
CMY	0.6549, 0.5804, 0.6941
CMYK	0.18, 0.00, 0.27, 0.58
HSL	99°, 16%, 36%
HSV	99°, 27%, 42%
XYZ	10.6573, 13.1402, 9.1823
YIQ	98.0130, -2.0150, -13.0470

Conversions

Conversions Part 2

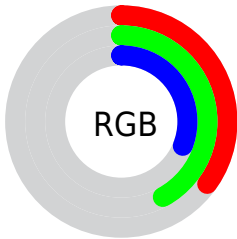
Format	Color
RYB	78, 107, 97
Decimal	5794638
CIELab	42.97, -13.09, 13.97
CIELCh	43, 19.148, 133.134
Yxy	13.1402, 0.3231, 0.3984
Android (android.graphics.Color)	4283984718 (0xFF586B4E)
YUV	98.0130, -9.8664, -8.7814
Hunter-Lab	36.2494, -10.9572, 10.3558

Details

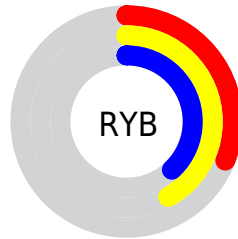
The Hex color **586B4E** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **614E6B**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **8A9E7F**, and **2A3C21** is the 20% darker color. If you saturate the color by 10%, you get **516B43**, and if you desaturate by 10%, it is **5F6B59**.

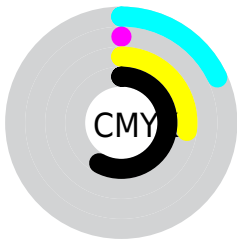
Distribution



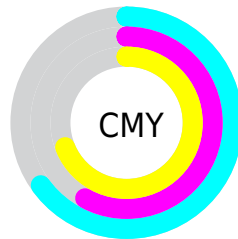
- Red (35%)
- Green (42%)
- Blue (31%)



- Red (31%)
- Yellow (42%)
- Blue (38%)



- Cyan (18%)
- Magenta (0%)
- Yellow (27%)
- Black (58%)



- Cyan (65%)
- Magenta (58%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 586B4E 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 586B4E by changing the saturation by 10% instead.



586B4E



586B4E

FFFFFF



405337



8A9E7F



2A3C21



A5B999



15260C



C0D5B4



001200



DCF1D0



000000



F8FFEC



586B4E



586B4E



516B43



5F6B59



4A6B39



666B63

■ 436B2E

■ 6D6B6E

■ 3C6B23

■ 746B79

■ 356B18

■ 7B6B84

■ 2E6B0E

■ 826B8E

■ 276B03

■ 896B99

■ 256B00

■ 906BA4

■ 976BAE

Harmonies

Analogous

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



6A6747



586B4E



466E5C

Triad

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



586B4E



456A83



855A5F

Complementary

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



586B4E



614E6B

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.



7F5B6F



586B4E



5B6584

Square

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



586B4E



366D7B



705F7D



835D51

Rectangle

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



586B4E



3C6E67



705F7D



845A64

Sweetspot

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



586B4E



858C81



6B614E



434740



C7C7C7



474747

Same Dimension

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



586B4E



6E8C5E



4E6B52



323630



287500



54F500

Inverse Universe

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



614E6B



7C5E8C



6B4E67



343036



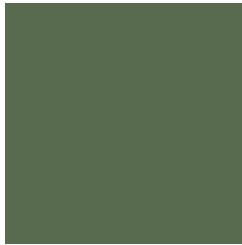
4D0075



A000F5

Previews

White Background



This preview shows how the Hex color 586B4E looks on a white background.

Color Contrast Check

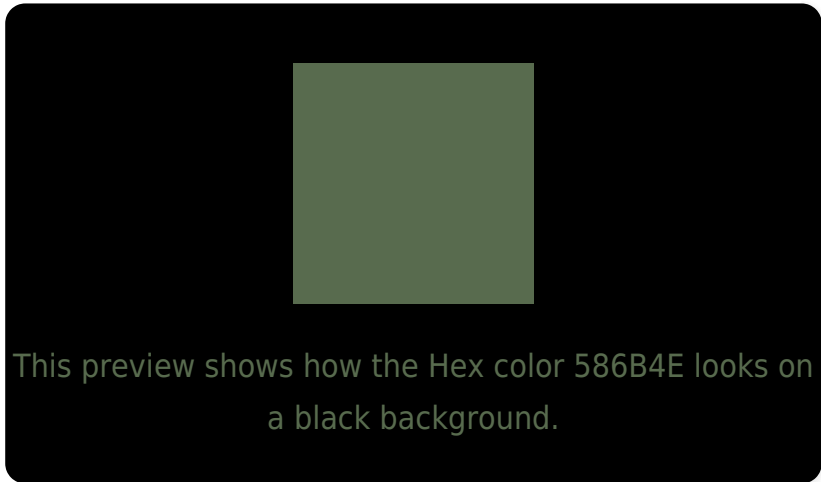
Large Text (above 18pt) WCAG AA ✓ Pass

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

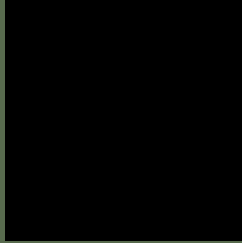
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

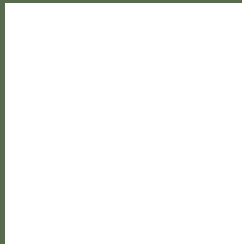
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 586B4E Background



This preview shows how black text looks on a background with the Hex color 586B4E.



This preview shows how white text looks on a background with the Hex color 586B4E.

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
586B4E

Protanopia
6D654B

Deuteranopia
766150



Tritanopia
5D676F

Trichromacy



Original Color

586B4E

Protanomaly

65674C

Deuteranomaly

6B654F

Tritanomaly

5B6863

Monochromacy



Original Color

586B4E

Achromatopsia

626262

Achromatomaly

5E655B

CSS Examples

Text

The CSS property to change the color of the text to Hex 586B4E 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 #586B4E looks like.

```
.text, #text, p{  
    color:#586B4E  
}
```

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 #586B4E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #586B4E
}
```

Border

The CSS property to change the border of an element to Hex 586B4E is called "border". The border property can be set on classes, ids or directly on the HTML element.

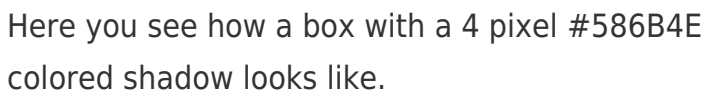
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#586B4E }
```

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

```
.border{ border-color:#586B4E }
```

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



Here you see how a box with a 4 pixel #586B4E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #586B4E; -webkit-box-shadow:4px 4px  
4px 4px #586B4E; box-shadow:4px 4px 4px  
4px #586B4E }
```

Background

The CSS property to change the background color of an element to Hex 586B4E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#586B4E }
```

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

```
.background{ background-color:#586B4E }
```

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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