

Converting Colors

Hex(586B54)

Have a look what the booklet for
Hex(586B54) contains.

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Color

Hex(586B54)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 586B54 |
| RGB | 88, 107, 84 |
| RGB Percent | 35%, 42%, 33% |
| CMY | 0.6549, 0.5804, 0.6706 |
| CMYK | 0.18, 0.00, 0.21, 0.58 |
| HSL | 110°, 12%, 37% |
| HSV | 110°, 21%, 42% |
| XYZ | 10.8824, 13.2302, 10.3676 |
| YIQ | 98.6970, -3.9410, -11.1810 |

Conversions

Conversions Part 2

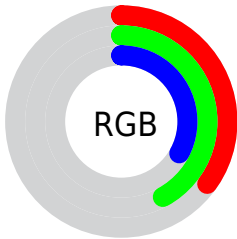
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 84, 107, 103 |
| Decimal | 5794644 |
| CIE Lab | 43.11, -11.99, 10.58 |
| CIE LCh | 43, 15.989, 138.556 |
| Yxy | 13.2302, 0.3156, 0.3837 |
| Android (android.graphics.Color) | 4283984724 (0xFF586B54) |
| YUV | 98.6970, -7.2456, -9.3813 |
| Hunter-Lab | 36.3733, -10.2484, 8.5617 |

Details

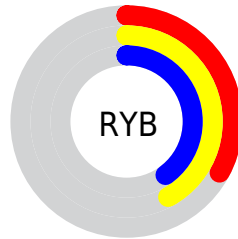
The Hex color **586B54** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **67546B**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **8A9E86**, and **2A3C27** is the 20% darker color. If you saturate the color by 10%, you get **4F6B49**, and if you desaturate by 10%, it is **616B5F**.

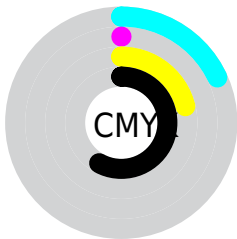
Distribution



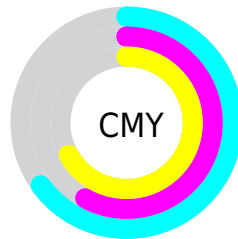
- Red (35%)
- Green (42%)
- Blue (33%)



- Red (33%)
- Yellow (42%)
- Blue (40%)



- Cyan (18%)
- Magenta (0%)
- Yellow (21%)
- Black (58%)



- Cyan (65%)
- Magenta (58%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 586B54 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 586B54 by changing the saturation by 10% instead.



586B54



586B54

FFFFFF



40533D



8A9E86



2A3C27



A5B9A0



152612



C0D5BB



001200



DCF1D7



000000



F8FFF3



586B54



586B54



4F6B49



616B5F



466B3F



6A6B69

 3D6B34

 736B74

 356B29

 7B6B7F

 2C6B1E

 846B8A

 236B14

 8D6B94

 1A6B09

 966B9F

 136B00

 9F6BAA

 A86BB4

Harmonies

Analogous

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



67684D



586B54



4A6D60

Triad

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



586B54



4F697F



815D5E

Complementary

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



586B54



67546B

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.



7D5D6B



586B54



61647F

Square

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



586B54



426C79



726077



7E5F53

Rectangle

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



586B54



436D69



726077



815C62

Sweetspot

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



586B54



858C84



6B6754



434742



C7C7C7



474747

Same Dimension

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



586B54



6E8C68



546B5B



313630



147500



2BF500

Inverse Universe

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



67546B



86688C



6B5464



353036



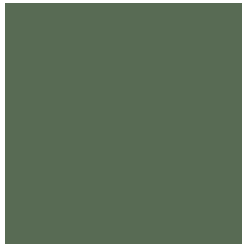
610075



CA00F5

Previews

White Background



This preview shows how the Hex color 586B54 looks on a white background.

Color Contrast Check

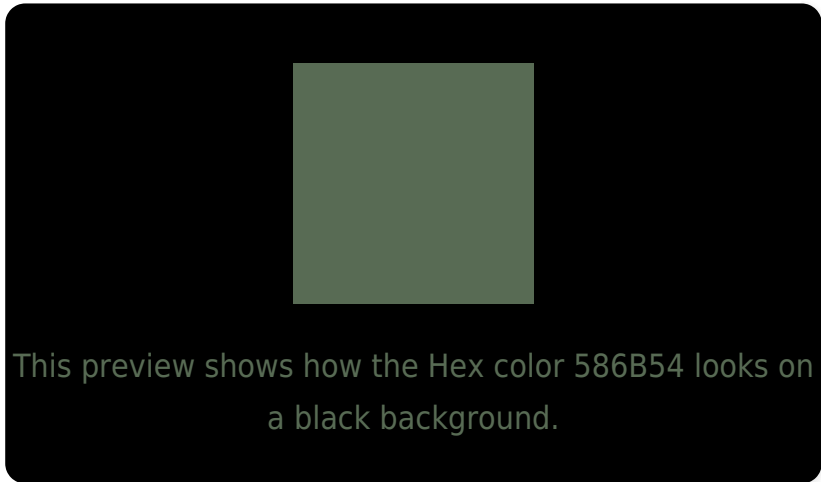
Large Text (above 18pt) WCAG AA ✓ Pass

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

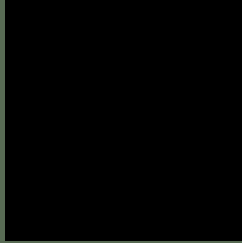
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

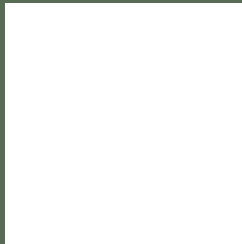
Any Text WCAG AAA × Fail

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

Hex 586B54 Background



This preview shows how black text looks on a background with the Hex color 586B54.

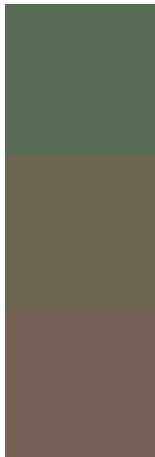


This preview shows how white text looks on a background with the Hex color 586B54.

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](#).

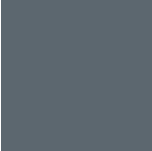
Dichromacy



Original Color
586B54

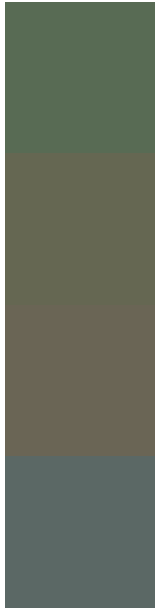
Protanopia
6C6551

Deuteranopia
756256



Tritanopia
5C676F

Trichromacy



Original Color
586B54

Protanomaly
656752

Deuteranomaly
6A6555

Tritanomaly
5B6865

Monochromacy



Original Color
586B54

Achromatopsia
636363

Achromatomaly
5F665E

CSS Examples

Text

The CSS property to change the color of the text to Hex 586B54 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 #586B54 looks like.

```
.text, #text, p{  
    color:#586B54  
}
```

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 #586B54 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #586B54
}
```

Border

The CSS property to change the border of an element to Hex 586B54 is called "border". The border property can be set on classes, ids or directly on the HTML element.

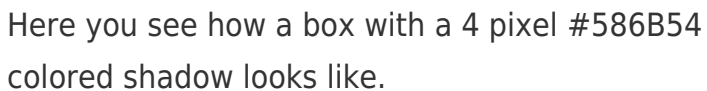
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#586B54 }
```

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

```
.border{ border-color:#586B54 }
```

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



Here you see how a box with a 4 pixel #586B54 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #586B54; -webkit-box-shadow:4px 4px  
4px 4px #586B54; box-shadow:4px 4px 4px  
4px #586B54 }
```

Background

The CSS property to change the background color of an element to Hex 586B54 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#586B54 }
```

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

```
.background{ background-color:#586B54 }
```

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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