

Converting Colors

Hex(576B47)

Have a look what the booklet for
Hex(576B47) contains.

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Color

Hex(576B47)

Conversions

Conversions Part 1

Format	Color
Hex	576B47
RGB	87, 107, 71
RGB Percent	34%, 42%, 28%
CMY	0.6588, 0.5804, 0.7216
CMYK	0.19, 0.00, 0.34, 0.58
HSL	93°, 20%, 35%
HSV	93°, 34%, 42%
XYZ	10.3255, 12.9966, 7.9256
YIQ	96.9160, -0.3640, -15.4360

Conversions

Conversions Part 2

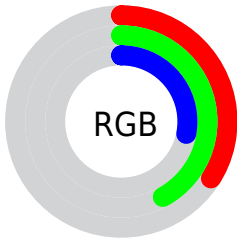
Format	Color
RYB	71, 107, 91
Decimal	5729095
CIELab	42.76, -14.69, 17.80
CIELCh	43, 23.080, 129.534
Yxy	12.9966, 0.3304, 0.4159
Android (android.graphics.Color)	4283919175 (0xFF576B47)
YUV	96.9160, -12.7766, -8.6963
Hunter-Lab	36.0507, -11.9636, 12.2009

Details

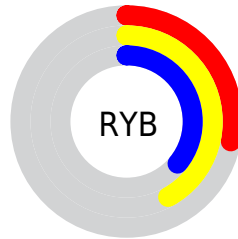
The Hex color **576B47** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **5B476B**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **899E78**, and **293C1B** is the 20% darker color. If you saturate the color by 10%, you get **516B3C**, and if you desaturate by 10%, it is **5D6B52**.

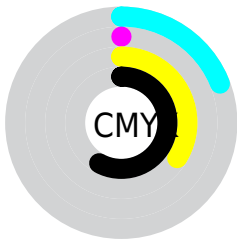
Distribution



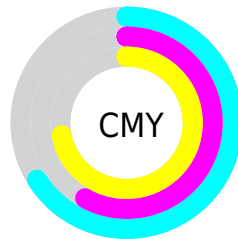
- Red (34%)
- Green (42%)
- Blue (28%)



- Red (28%)
- Yellow (42%)
- Blue (36%)



- Cyan (19%)
- Magenta (0%)
- Yellow (34%)
- Black (58%)



- Cyan (66%)
- Magenta (58%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 576B47 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 576B47 by changing the saturation by 10% instead.

■ 576B47

■ 576B47

FFFFFF

■ 3F5330

■ 899E78

■ 293C1B

■ A4B992

■ 152602

■ BFD5AC

■ 001100

■ DBF1C8

■ 000000

■ F8FFE4

■ 576B47

■ 576B47

■ 516B3C

■ 5D6B52

■ 4B6B32

■ 636B5C

 456B27

 696B67

 3F6B1C

 6F6B72


 396B11

 756B7D

 336B07

 7B6B87

 306B00

 816B92

 876B9D

 8D6BA7

Harmonies

Analogous

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



6C663F



576B47



406E57

Triad

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



576B47



366B88



8A565F

Complementary

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



576B47



5B476B

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.



825873



576B47



54658A

Square

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



576B47



226E7D



6F5E82



88594E

Rectangle

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



576B47



316F64



6F5E82



895766

Sweetspot

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



576B47



848C7E



6B5B47



43473F



C7C7C7



474747

Same Dimension

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



576B47



6D8C54



476B49



333630



347500



6DF500

Inverse Universe

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



5B476B



73548C



6B4769



333036



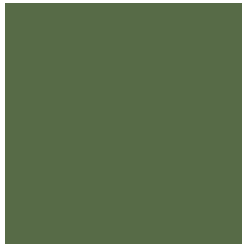
410075



8800F5

Previews

White Background



This preview shows how the Hex color 576B47 looks on a white background.

Color Contrast Check

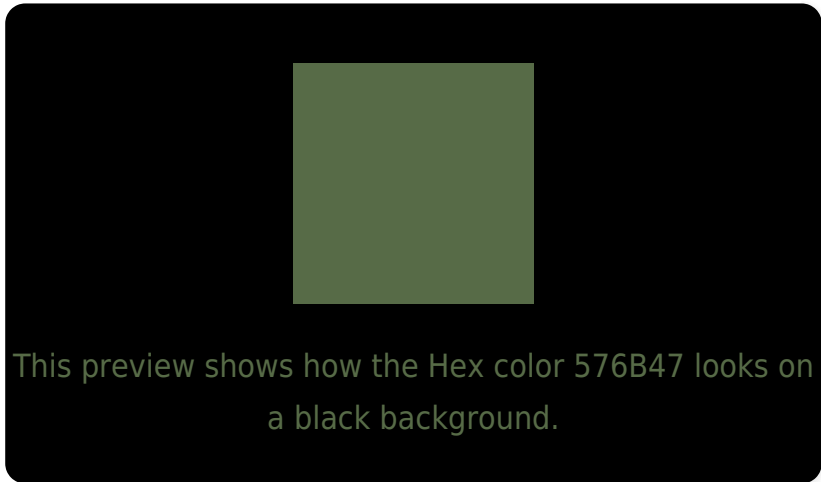
Large Text (above 18pt) WCAG AA ✓ Pass

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

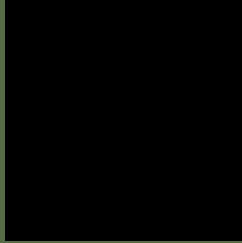
Any Text WCAG AA × Fail

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 576B47 Background



This preview shows how black text looks on a background with the Hex color 576B47.



This preview shows how white text looks on a background with the Hex color 576B47.

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
576B47

Protanopia
6D6544

Deuteranopia
776149



Tritanopia
5D666E

Trichromacy



Original Color
576B47

Protanomaly
656745

Deuteranomaly
6B6548

Tritanomaly
5B6860

Monochromacy



Original Color
576B47

Achromatopsia
616161

Achromatomaly
5D6558

CSS Examples

Text

The CSS property to change the color of the text to Hex 576B47 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 #576B47 looks like.

```
.text, #text, p{  
    color:#576B47  
}
```

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 #576B47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #576B47
}
```

Border

The CSS property to change the border of an element to Hex 576B47 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
#576B47 }
```

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

```
.border{ border-color:#576B47 }
```

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

Here you see how a box with a 4 pixel #576B47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #576B47; -webkit-box-shadow:4px 4px  
4px 4px #576B47; box-shadow:4px 4px 4px  
4px #576B47 }
```

Background

The CSS property to change the background color of an element to Hex 576B47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#576B47 }
```

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

```
.background{ background-color:#576B47 }
```

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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