

# Converting Colors

Hex(576C25)

Have a look what the booklet for  
Hex(576C25) contains.

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**Color**

**Hex(576C25)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	576C25
RGB	87, 108, 37
RGB Percent	34%, 42%, 15%
CMY	0.6588, 0.5765, 0.8549
CMYK	0.19, 0.00, 0.66, 0.58
HSL	78°, 49%, 28%
HSV	78°, 66%, 42%
XYZ	9.6270, 12.8849, 3.7299
YIQ	93.6270, 10.2750, -26.5330

# Conversions

## Conversions Part 2

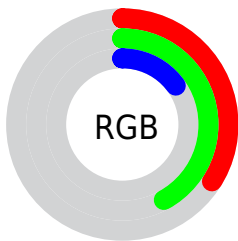
<b>Format</b>	<b>Color</b>
<b>RYB</b>	37, 108, 58
Decimal	5729317
CIELab	42.59, -19.47, 36.06
CIELCh	43, 40.982, 118.365
Yxy	12.8849, 0.3669, 0.4910
Android (android.graphics.Color)	4283919397 (0xFF576C25)
YUV	93.6270, -27.9171, -5.8119
Hunter-Lab	35.8956, -14.9447, 18.9661

# Details

The Hex color **576C25** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **3A256C**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **8B9F55**, and **273C00** is the 20% darker color. If you saturate the color by 10%, you get **546C1A**, and if you desaturate by 10%, it is **5A6C30**.

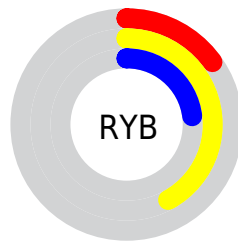
# Distribution



Red (34%)

Green (42%)

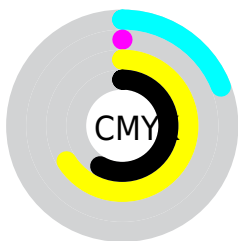
Blue (15%)



Red (15%)

Yellow (42%)

Blue (23%)

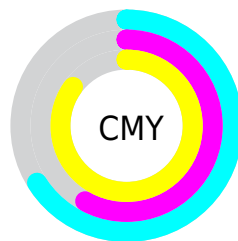


Cyan (19%)

Magenta (0%)

Yellow (66%)

Black (58%)



Cyan (66%)

Magenta (58%)

Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 576C25 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 576C25 by changing the saturation by 10% instead.





576C25



576C25

FFFFFF



3E540C



8B9F55



273C00



A6BA6F



0E2700



C1D689



001000



DEF3A3



000000



FBFFBF



FFFFDB



FFFFF8



576C25



576C25

■ 546C1A

■ 5A6C30

■ 516C0F

■ 5D6C3B

■ 4D6C05

■ 616C45

■ 4C6C00

■ 646C50

■ 676C5B

■ 6A6C66

■ 6D6C71

■ 716C7B

■ 746C86

# Harmonies

## Analogous

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



79621C



576C25



29723F

# Triad

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



576C25



00719E



A04668

# Complementary

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



576C25



3A256C

# 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.



8C4E89



576C25



0069A8

# Square

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



576C25



007584



625CA0



A14A46

# Rectangle

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



576C25



007456



625CA0



9C4873



# Sweetspot

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



576C25



848C70



6C3925



424736



C7C7C7



474747



# Same Dimension

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



576C25



6B8C1D



346C25



343630



537500



ACF500



# Inverse Universe

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



3A256C



3E1D8C



5D256C



323036



230075



4800F5



# Previews

## White Background



This preview shows how the Hex color 576C25 looks on a white background.

## Color Contrast Check

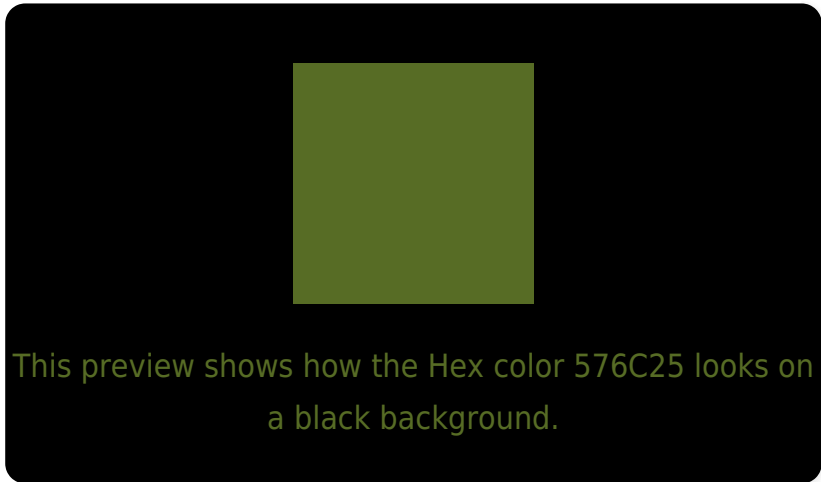
Large Text (above 18pt) WCAG AA ✓ Pass

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 576C25 Background



This preview shows how black text looks on a background with the Hex color 576C25.



This preview shows how white text looks on a background with the Hex color 576C25.

# 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**  
576C25

**Protanopia**  
706523

**Deuteranopia**  
7D5F29

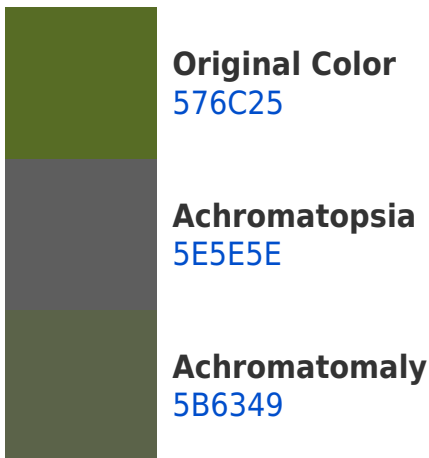


**Tritanopia**  
5F656D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 576C25 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 #576C25 looks like.

```
.text, #text, p{  
    color:#576C25  
}
```

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 #576C25 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #576C25
}
```

## Border

The CSS property to change the border of an element to Hex 576C25 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
#576C25 }
```

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

```
.border{ border-color:#576C25 }
```

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

Here you see how a box with a 4 pixel #576C25 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #576C25; -webkit-box-shadow:4px 4px  
4px 4px #576C25; box-shadow:4px 4px 4px  
4px #576C25 }
```

# Background

The CSS property to change the background color of an element to Hex 576C25 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#576C25 }
```

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

```
.background{ background-color:#576C25 }
```

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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