

# Converting Colors

Hex(576D27)

Have a look what the booklet for  
Hex(576D27) contains.

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**Color**

**Hex(576D27)**

# Conversions

## Conversions Part 1

Format	Color
Hex	576D27
RGB	87, 109, 39
RGB Percent	34%, 43%, 15%
CMY	0.6588, 0.5725, 0.8471
CMYK	0.20, 0.00, 0.64, 0.57
HSL	79°, 47%, 29%
HSV	79°, 64%, 43%
XYZ	9.7653, 13.1100, 3.9353
YIQ	94.4420, 9.3580, -26.4340

# Conversions

## Conversions Part 2

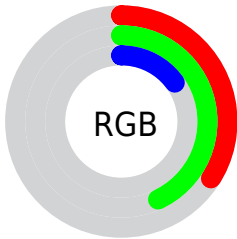
<b>Format</b>	<b>Color</b>
<b>RYB</b>	39, 109, 61
Decimal	5729575
CIELab	42.93, -19.82, 35.48
CIELCh	43, 40.637, 119.193
Yxy	13.1100, 0.3642, 0.4890
Android (android.graphics.Color)	4283919655 (0xFF576D27)
YUV	94.4420, -27.3329, -6.5266
Hunter-Lab	36.2077, -15.2216, 18.9015

# Details

The Hex color **576D27** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **3D276D**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **8BA157**, and **273D00** is the 20% darker color. If you saturate the color by 10%, you get **546D1C**, and if you desaturate by 10%, it is **5A6D32**.

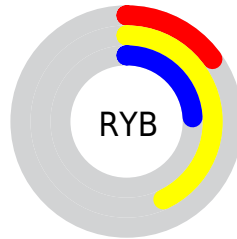
# Distribution



Red (34%)

Green (43%)

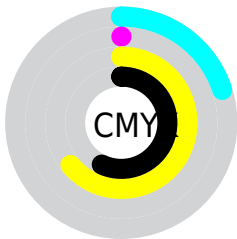
Blue (15%)



Red (15%)

Yellow (43%)

Blue (24%)

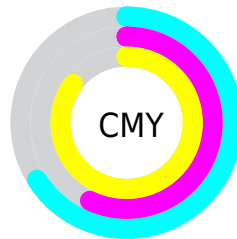


Cyan (20%)

Magenta (0%)

Yellow (64%)

Black (57%)



Cyan (66%)

Magenta (57%)

Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 576D27 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 576D27 by changing the saturation by 10% instead.



 576D27

 576D27

FFFFFF

 3E550E

 8BA157

 273D00

 A6BC71

 0E2700

 C1D78B

 001200

 DEF4A5

 000000

 FBFFC1

 FFFFDD

 FFFFFA

 576D27

 576D27

■ 546D1C

■ 5A6D32

■ 506D11

■ 5E6D3D

■ 4D6D06

■ 616D48

■ 4B6D00

■ 656D53

■ 686D5E

■ 6C6D68

■ 6F6D73

■ 726D7E

■ 766D89

# Harmonies

## Analogous

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



79631E



576D27



297341

# Triad

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



576D27



00729F



A14768

# Complementary

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



576D27



3D276D

# 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.



8D4F88



576D27



0E69A8

# Square

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



576D27



007585



655DA0



A24B47

# Rectangle

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



576D27



007558



655DA0



9D4973



# Sweetspot

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



576D27



868F74



6D3C27



424737



C7C7C7



474747



# Same Dimension

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



576D27



6C8F21



356D27



343630



507500



A8F500



# Inverse Universe

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



3D276D



43218F



5F276D



323036



250075



4D00F5



# Previews

## White Background



This preview shows how the Hex color 576D27 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

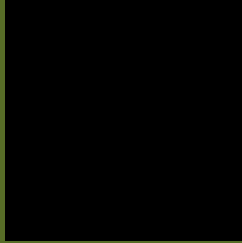
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 576D27 Background



This preview shows how black text looks on a background with the Hex color 576D27.



This preview shows how white text looks on a background with the Hex color 576D27.

# 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](#).

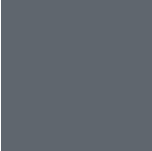
## Dichromacy



**Original Color**  
576D27

**Protanopia**  
716525

**Deuteranopia**  
7E602B



**Tritanopia**  
5F666E

# Trichromacy



**Original Color**  
576D27

**Protanomaly**  
686826

**Deuteranomaly**  
70652A

**Tritanomaly**  
5C6954

# Monochromacy



**Original Color**  
576D27

**Achromatopsia**  
5E5E5E

**Achromatomaly**  
5B634A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 576D27 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 #576D27 looks like.

```
.text, #text, p{  
    color:#576D27  
}
```

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 #576D27 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #576D27
}
```

## Border

The CSS property to change the border of an element to Hex 576D27 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
#576D27 }
```

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

```
.border{ border-color:#576D27 }
```

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

Here you see how a box with a 4 pixel #576D27 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #576D27; -webkit-box-shadow:4px 4px  
4px 4px #576D27; box-shadow:4px 4px 4px  
4px #576D27 }
```

# Background

The CSS property to change the background color of an element to Hex 576D27 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#576D27 }
```

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

```
.background{ background-color:#576D27 }
```

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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