

# Converting Colors

Hex(576A1A)

Have a look what the booklet for  
Hex(576A1A) contains.

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**Color**

**Hex(576A1A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	576A1A
RGB	87, 106, 26
RGB Percent	34%, 42%, 10%
CMY	0.6588, 0.5843, 0.8980
CMYK	0.18, 0.00, 0.75, 0.58
HSL	74°, 61%, 26%
HSV	74°, 75%, 42%
XYZ	9.2710, 12.4089, 2.8838
YIQ	91.1990, 14.3560, -28.9080

# Conversions

## Conversions Part 2

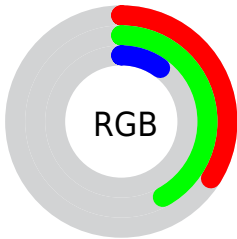
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	26, 106, 45
Decimal	5728794
CIE <sub>Lab</sub>	41.86, -19.23, 40.14
CIE <sub>LCh</sub>	42, 44.509, 115.598
Yxy	12.4089, 0.3774, 0.5052
Android (android.graphics.Color)	4283918874 (0xFF576A1A)
YUV	91.1990, -32.1431, -3.6825
Hunter-Lab	35.2262, -14.6677, 19.8046

# Details

The Hex color **576A1A** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **2D1A6A**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **8B9D4C**, and **273B00** is the 20% darker color. If you saturate the color by 10%, you get **546A0F**, and if you desaturate by 10%, it is **5A6A25**.

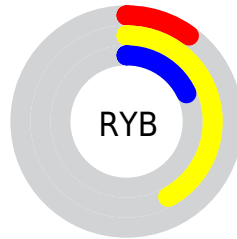
# Distribution



Red (34%)

Green (42%)

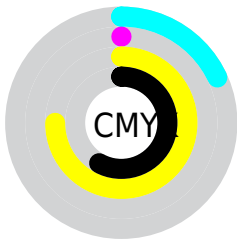
Blue (10%)



Red (10%)

Yellow (42%)

Blue (18%)

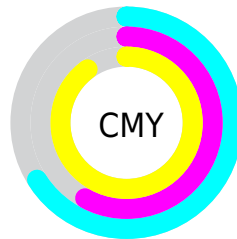


Cyan (18%)

Magenta (0%)

Yellow (75%)

Black (58%)



Cyan (66%)

Magenta (58%)

Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 576A1A 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 576A1A by changing the saturation by 10% instead.



 576A1A

 576A1A

FFFFFF

 3E5200

 8B9D4C

 273B00

 A6B865

 0D2500

 C2D47F

 000D00

 DFF099

 000000

 FCFFB5

 FFFFD0

 FFFFED

 576A1A

 576A1A

■ 546A0F

■ 5A6A25

■ 526A05

■ 5C6A2F

■ 516A00

■ 5F6A3A

■ 616A44

■ 646A4F

■ 666A5A

■ 696A64

■ 6B6A6F

■ 6E6A79

# Harmonies

## Analogous

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



7A5F12



576A1A



257137

# Triad

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



576A1A



00719F



A2416A

# Complementary

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



576A1A



2D1A6A

# 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.



8A4B8D



576A1A



0069AC

# Square

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



576A1A



007481



595BA5



A44345

# Rectangle

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



576A1A



00734F



595BA5



9C4376



# Sweetspot

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



576A1A



828A6A



6A2D1A



404532



C4C4C4



454545



# Same Dimension

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



576A1A



6C8A0C



2F6A1A



343630



597500



BBF500



# Inverse Universe

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



2D1A6A



2A0C8A



551A6A



313036



1C0075



3A00F5



# Previews

## White Background



This preview shows how the Hex color 576A1A 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

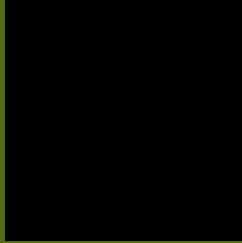
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 576A1A Background



This preview shows how black text looks on a background with the Hex color 576A1A.



This preview shows how white text looks on a background with the Hex color 576A1A.

# 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**  
576A1A

**Protanopia**  
6F6318

**Deuteranopia**  
7B5E1F



**Tritanopia**  
5F636B

# Trichromacy



**Original Color**  
576A1A

**Protanomaly**  
666619

**Deuteranomaly**  
6E621D

**Tritanomaly**  
5C664E

# Monochromacy



**Original Color**  
576A1A

**Achromatopsia**  
5B5B5B

**Achromatomaly**  
5A6043

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 576A1A 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 #576A1A looks like.

```
.text, #text, p{  
    color:#576A1A  
}
```

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 #576A1A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #576A1A
}
```

## Border

The CSS property to change the border of an element to Hex 576A1A 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
#576A1A }
```

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

```
.border{ border-color:#576A1A }
```

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

Here you see how a box with a 4 pixel #576A1A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #576A1A; -webkit-box-shadow:4px 4px  
4px 4px #576A1A; box-shadow:4px 4px 4px  
4px #576A1A }
```

# Background

The CSS property to change the background color of an element to Hex 576A1A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#576A1A }
```

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

```
.background{ background-color:#576A1A }
```

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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