

# Converting Colors

Hex(577B16)

Have a look what the booklet for  
Hex(577B16) contains.

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**Color**

**Hex(577B16)**

# Conversions

## Conversions Part 1

Format	Color
Hex	577B16
RGB	87, 123, 22
RGB Percent	34%, 48%, 9%
CMY	0.6588, 0.5176, 0.9137
CMYK	0.29, 0.00, 0.82, 0.52
HSL	81°, 70%, 28%
HSV	81°, 82%, 48%
XYZ	11.1583, 16.2501, 3.3075
YIQ	100.7220, 10.9650, -39.0430

# Conversions

## Conversions Part 2

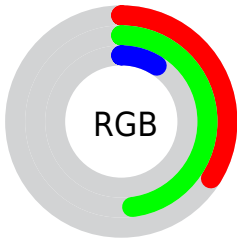
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	22, 123, 58
Decimal	5733142
CIE <sub>Lab</sub>	47.30, -28.02, 46.74
CIE <sub>LCh</sub>	47, 54.493, 120.948
Yxy	16.2501, 0.3633, 0.5290
Android (android.graphics.Color)	4283923222 (0xFF577B16)
YUV	100.7220, -38.8099, -12.0342
Hunter-Lab	40.3114, -21.1358, 23.3533

# Details

The Hex color **577B16** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **3A167B**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **8CB04B**, and **254A00** is the 20% darker color. If you saturate the color by 10%, you get **537B0A**, and if you desaturate by 10%, it is **5B7B22**.

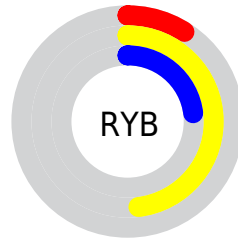
# Distribution



Red (34%)

Green (48%)

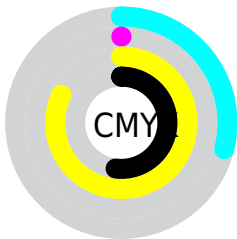
Blue (9%)



Red (9%)

Yellow (48%)

Blue (23%)

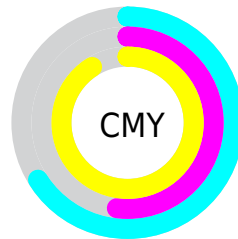


Cyan (29%)

Magenta (0%)

Yellow (82%)

Black (52%)



Cyan (66%)

Magenta (52%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 577B16 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 577B16 by changing the saturation by 10% instead.





577B16



577B16

FFFFFF



3D6200



8CB04B



254A00



A8CB65



053300



C4E77F



002000



E0FF9A



000000



FEFFB6



FFFFD2



FFFEE



577B16



577B16

■ 537B0A

■ 5B7B22

■ 4F7B00

■ 607B2F

■ 647B3B

■ 697B47

■ 6D7B54

■ 717B60

■ 767B6C

■ 7A7B78

■ 7E7B85

# Harmonies

## Analogous

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



856F00



577B16



008241

# Triad

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



577B16



0080C0



C04171

# Complementary

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



577B16



3A167B

# 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.



A84E9D



577B16



0075CC

# Square

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



577B16



00859E



7163BF



BF4944

# Rectangle

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



577B16



008560



7163BF



BB4480



# Sweetspot

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



577B16



92A178



7B3916



495239



D1D1D1



525252



# Same Dimension

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



577B16



68A102



257B16



3B3D37



507D00



A2FC00



# Inverse Universe

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



3A167B



3A02A1



6C167B



39373D



2D007D



5A00FC



# Previews

## White Background



This preview shows how the Hex color 577B16 looks on a white background.

## Color Contrast Check

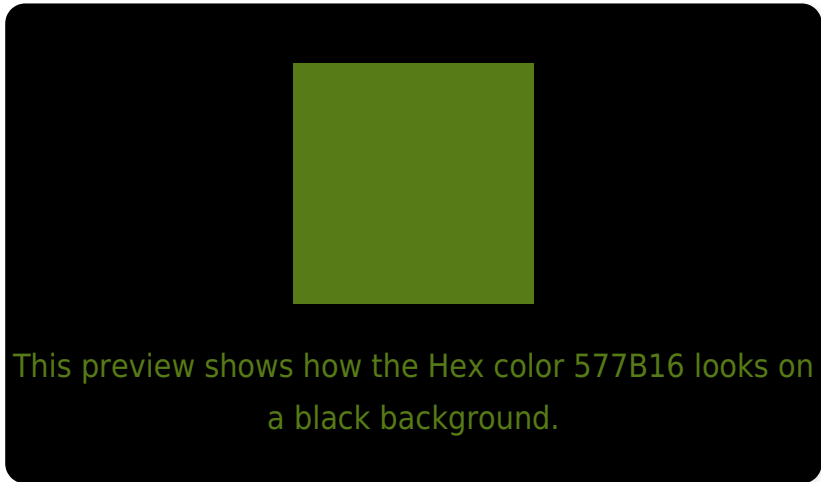
Large Text (above 18pt) WCAG AA ✓ Pass

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

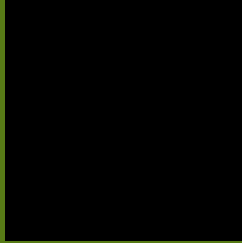
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 577B16 Background



This preview shows how black text looks on a background with the Hex color 577B16.



This preview shows how white text looks on a background with the Hex color 577B16.

# 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**  
577B16

**Protanopia**  
7E7013

**Deuteranopia**  
8C6A1F



**Tritanopia**  
63727C

# Trichromacy



**Original Color**  
577B16

**Protanomaly**  
707414

**Deuteranomaly**  
79701C

**Tritanomaly**  
5F7557

# Monochromacy



**Original Color**  
577B16

**Achromatopsia**  
656565

**Achromatomaly**  
606D48

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 577B16 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 #577B16 looks like.

```
.text, #text, p{  
    color:#577B16  
}
```

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 #577B16 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #577B16
}
```

## Border

The CSS property to change the border of an element to Hex 577B16 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
#577B16 }
```

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

```
.border{ border-color:#577B16 }
```

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

Here you see how a box with a 4 pixel #577B16 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #577B16; -webkit-box-shadow:4px 4px  
4px 4px #577B16; box-shadow:4px 4px 4px  
4px #577B16 }
```

# Background

The CSS property to change the background color of an element to Hex 577B16 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#577B16 }
```

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

```
.background{ background-color:#577B16 }
```

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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