

# Converting Colors

Hex(576115)

Have a look what the booklet for  
Hex(576115) contains.

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**Color**

**Hex(576115)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	576115
RGB	87, 97, 21
RGB Percent	34%, 38%, 8%
CMY	0.6588, 0.6196, 0.9176
CMYK	0.10, 0.00, 0.78, 0.62
HSL	68°, 64%, 23%
HSV	68°, 78%, 38%
XYZ	8.3405, 10.6298, 2.3216
YIQ	85.3460, 18.4360, -25.7560

# Conversions

## Conversions Part 2

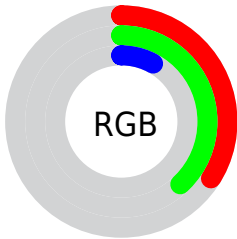
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	21, 97, 31
Decimal	5726485
CIE <sub>Lab</sub>	38.95, -14.66, 39.28
CIE <sub>LCh</sub>	39, 41.930, 110.471
Yxy	10.6298, 0.3917, 0.4992
Android (android.graphics.Color)	4283916565 (0xFF576115)
YUV	85.3460, -31.7226, 1.4506
Hunter-Lab	32.6033, -11.3922, 18.6004

# Details

The Hex color **576115** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **1F1561**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **8B9446**, and **273300** is the 20% darker color. If you saturate the color by 10%, you get **56610B**, and if you desaturate by 10%, it is **58611F**.

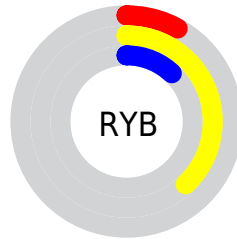
# Distribution



 Red (34%)

 Green (38%)

 Blue (8%)




 Red (8%)

 Yellow (38%)

 Blue (12%)

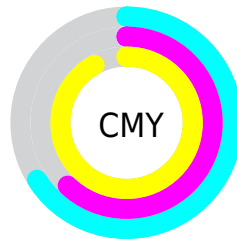


 Cyan (10%)

 Magenta (0%)

 Yellow (78%)

 Black (62%)



 Cyan (66%)

 Magenta (62%)

 Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 576115 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 576115 by changing the saturation by 10% instead.



 576115

 576115

FFFFFF

 3E4900

 8B9446

 273300

 A6AE5F

 0C1E00

 C2C979

 000000

 DFE693

 FCFFAE

 FFFFCA

 FFFF7E

 576115

 576115

■ 56610B

■ 58611F

■ 546102

■ 5A6128

■ 546100

■ 5B6132

■ 5C613C

■ 5D6145

■ 5F614F

■ 606159

■ 616163

■ 62616C

# Harmonies

## Analogous

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



775613



576115



2D682E

# Triad

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



576115



006990



943D68

# Complementary

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



576115



1F1561

# 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.



7A4987



576115



00639F

# Square

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



576115



006C73



48579C



993D46

# Rectangle

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



576115



006B44



48579C



8E4073



# Sweetspot

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



576115



797D5F



611E15



3D402D



BFBFBF



404040



# Same Dimension

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



576115



6D7D07



326115



30302C



617000



D0F000



# Inverse Universe

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



1F1561



17077D



441561



2C2C30



0F0070



2000F0



# Previews

## White Background



This preview shows how the Hex color 576115 looks on a white background.

## Color Contrast Check

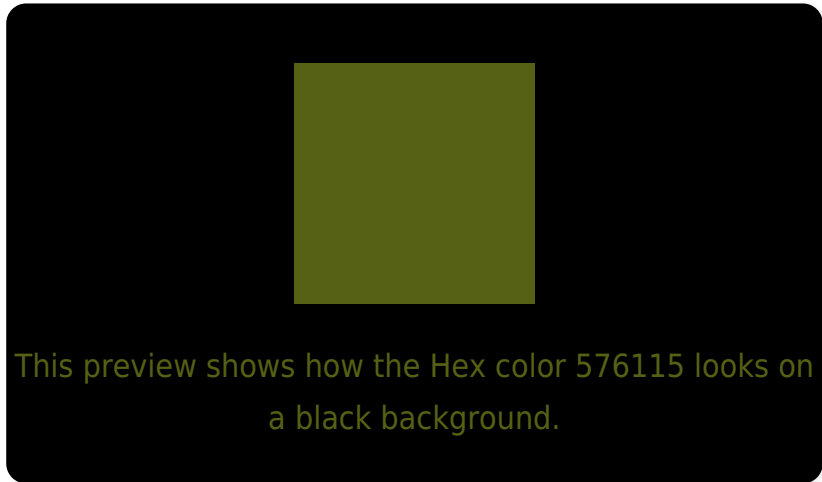
Large Text (above 18pt) WCAG AA ✓ Pass

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

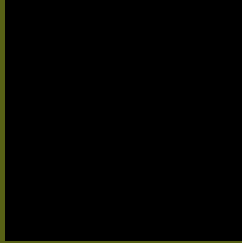
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 576115 Background



This preview shows how black text looks on a background with the Hex color 576115.



This preview shows how white text looks on a background with the Hex color 576115.

# 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**  
576115

**Protanopia**  
675C14

**Deuteranopia**  
73571A



**Tritanopia**  
5E5A61

# Trichromacy



**Original Color**  
576115

**Protanomaly**  
615E14

**Deuteranomaly**  
695B18

**Tritanomaly**  
5B5D45

# Monochromacy



**Original Color**  
576115

**Achromatopsia**  
555555

**Achromatomaly**  
56593E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 576115 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 #576115 looks like.

```
.text, #text, p{  
    color:#576115  
}
```

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 #576115 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #576115
}
```

## Border

The CSS property to change the border of an element to Hex 576115 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
#576115 }
```

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

```
.border{ border-color:#576115 }
```

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

Here you see how a box with a 4 pixel #576115 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #576115; -webkit-box-shadow:4px 4px  
4px 4px #576115; box-shadow:4px 4px 4px  
4px #576115 }
```

# Background

The CSS property to change the background color of an element to Hex 576115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#576115 }
```

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

```
.background{ background-color:#576115 }
```

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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