

# Converting Colors

Hex(156118)

Have a look what the booklet for  
Hex(156118) contains.

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# Color

**Hex(156118)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	156118
RGB	21, 97, 24
RGB Percent	8%, 38%, 9%
CMY	0.9176, 0.6196, 0.9059
CMYK	0.78, 0.00, 0.75, 0.62
HSL	122°, 64%, 23%
HSV	122°, 78%, 38%
XYZ	4.7488, 8.7748, 2.3076
YIQ	65.9540, -21.8630, -38.8150

# Conversions

## Conversions Part 2

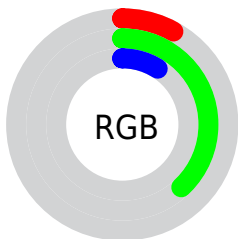
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	21, 94, 97
Decimal	1401112
CIE <sub>Lab</sub>	35.55, -38.03, 33.53
CIE <sub>LCh</sub>	36, 50.698, 138.600
Yxy	8.7748, 0.3000, 0.5543
Android (android.graphics.Color)	4279591192 (0xFF156118)
YUV	65.9540, -20.6833, -39.4247
Hunter-Lab	29.6222, -23.2231, 16.1169

# Details

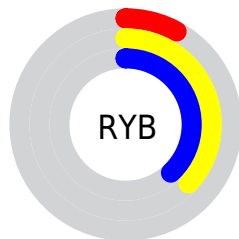
The Hex color **156118** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **61155E**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **4E9548**, and **003100** is the 20% darker color. If you saturate the color by 10%, you get **0B610F**, and if you desaturate by 10%, it is **1F6121**.

# Distribution



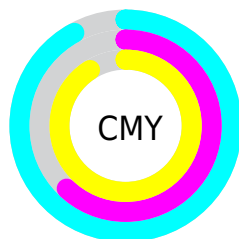
- Red (8%)
- Green (38%)
- Blue (9%)



- Red (8%)
- Yellow (37%)
- Blue (38%)



- Cyan (78%)
- Magenta (0%)
- Yellow (75%)
- Black (62%)




- Cyan (92%)
- Magenta (62%)
- Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 156118 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 156118 by changing the saturation by 10% instead.



 156118

 156118

FFFFFF

 004900

 4E9548

 003100

 69B061

 001C00

 84CB7A

 000000

 A0E894

 BCFFAF

 D8FFCB

 F5FFE8

 156118

 156118

■ 0B610F

■ 1F6121

■ 026105

■ 28612B

■ 006104

■ 326134

■ 3C613D

■ 456147

■ 4F6150

■ 596159

■ 636163

■ 6C616C

# Harmonies

## Analogous

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



4E5900



156118



006542

# Triad

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



156118



005DA4



9A283C

# Complementary

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



156118



61155E

# 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.



942965



156118



2B50A1

# Square

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



156118



006490



743C8A



8D3A16

# Rectangle

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



156118



00665F



743C8A



9B254A



# Sweetspot

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



156118



5F7D60



5E6115



2D402E



BFBFBF



404040



# Same Dimension

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



156118



077D0C



15613E



2C302C



007004



00F009



# Inverse Universe

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



61155E



7D0778



611538



302C30



70006C

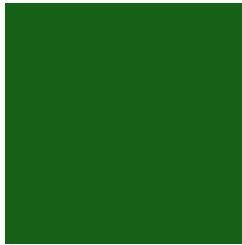


F000E6



# Previews

## White Background



This preview shows how the Hex color 156118 looks on a white background.

## Color Contrast Check

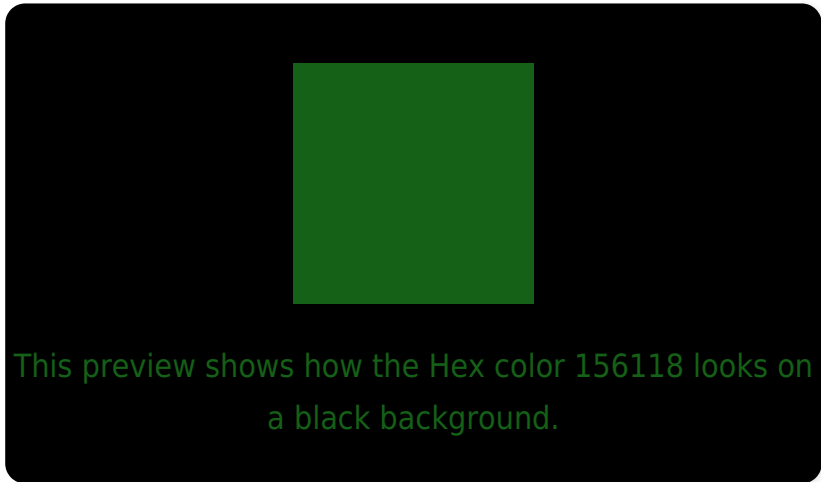
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

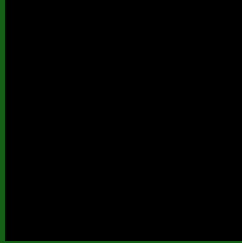
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 156118 Background



This preview shows how black text looks on a background with the Hex color 156118.



This preview shows how white text looks on a background with the Hex color 156118.

# 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**  
156118

**Protanopia**  
5E5415

**Deuteranopia**  
684F1F



# Trichromacy



**Original Color**  
156118

**Protanomaly**  
435916

**Deuteranomaly**  
4A561C

**Tritanomaly**  
245D47

# Monochromacy



**Original Color**  
156118

**Achromatopsia**  
424242

**Achromatomaly**  
324D33

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 156118 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 #156118 looks like.

```
.text, #text, p{  
    color:#156118  
}
```

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 #156118 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #156118
}
```

## Border

The CSS property to change the border of an element to Hex 156118 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".

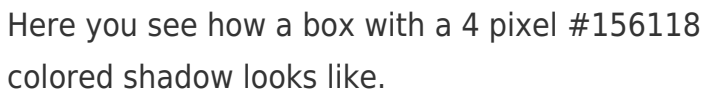
```
.border, #border, table{ border:4px solid
#156118 }
```

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

```
.border{ border-color:#156118 }
```

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

Here you see how a box with a 4 pixel #156118 colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The shadow is cast to the right and bottom of the box, matching the border color.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #156118; -webkit-box-shadow:4px 4px  
4px 4px #156118; box-shadow:4px 4px 4px  
4px #156118 }
```

# Background

The CSS property to change the background color of an element to Hex 156118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#156118 }
```

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

```
.background{ background-color:#156118 }
```

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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