

# Converting Colors

Hex(156128)

Have a look what the booklet for  
Hex(156128) contains.

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# Color

**Hex(156128)**

# Conversions

## Conversions Part 1

Format	Color
Hex	156128
RGB	21, 97, 40
RGB Percent	8%, 38%, 16%
CMY	0.9176, 0.6196, 0.8431
CMYK	0.78, 0.00, 0.59, 0.62
HSL	135°, 64%, 23%
HSV	135°, 78%, 38%
XYZ	4.9670, 8.8620, 3.4562
YIQ	67.7780, -26.9990, -33.8390

# Conversions

## Conversions Part 2

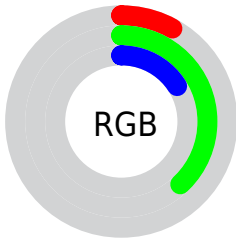
Format	Color
<b>RYB</b>	21, 82, 97
Decimal	1401128
CIELab	35.72, -35.99, 25.84
CIElCh	36, 44.303, 144.317
Yxy	8.8620, 0.2874, 0.5127
Android (android.graphics.Color)	4279591208 (0xFF156128)
YUV	67.7780, -13.6946, -41.0243
Hunter-Lab	29.7691, -22.3134, 13.9548

# Details

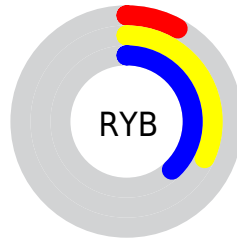
The Hex color **156128** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **61154E**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **4E9557**, and **003100** is the 20% darker color. If you saturate the color by 10%, you get **0B6121**, and if you desaturate by 10%, it is **1F612F**.

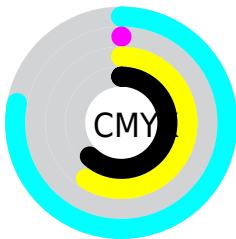
# Distribution



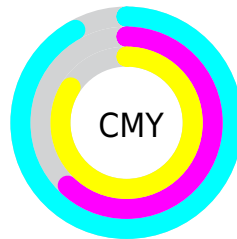
- Red (8%)
- Green (38%)
- Blue (16%)



- Red (8%)
- Yellow (32%)
- Blue (38%)



- Cyan (78%)
- Magenta (0%)
- Yellow (59%)
- Black (62%)



- Cyan (92%)
- Magenta (62%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 156128 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 156128 by changing the saturation by 10% instead.



 156128

 156128

FFFFFF

 004912

 4E9557

 003100

 68AF70

 001C00

 83CB89

 000000

 9EE8A4

 BAFFBF

 D7FFDB

 F4FFF8

 156128

 156128

■ 0B6121

■ 1F612F

■ 026119

■ 286137

■ 006118

■ 32613E

■ 3C6145

■ 45614C

■ 4F6154

■ 59615B

■ 636162

■ 6C6169

# Harmonies

## Analogous

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



495B07



156128



00644C

# Triad

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



156128



005A9B



923439

# Complementary

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



156128



61154E

# 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.



90315C



156128



464D95

# Square

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



156128



00628D



783D7E



85421A

# Rectangle

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



156128



006565



783D7E



943145



# Sweetspot

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



156128



5F7D66



4E6115



2D4032



BFBFBF



404040



# Same Dimension

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



156128



077D25



15614E



2C302D



00701C



00F03C



# Inverse Universe

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



61154E



7D0760



611528



302C2F



700054

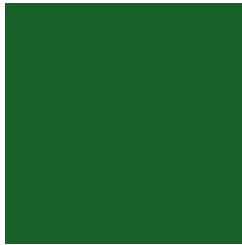


F000B4



# Previews

## White Background



This preview shows how the Hex color 156128 looks on a white background.

## Color Contrast Check

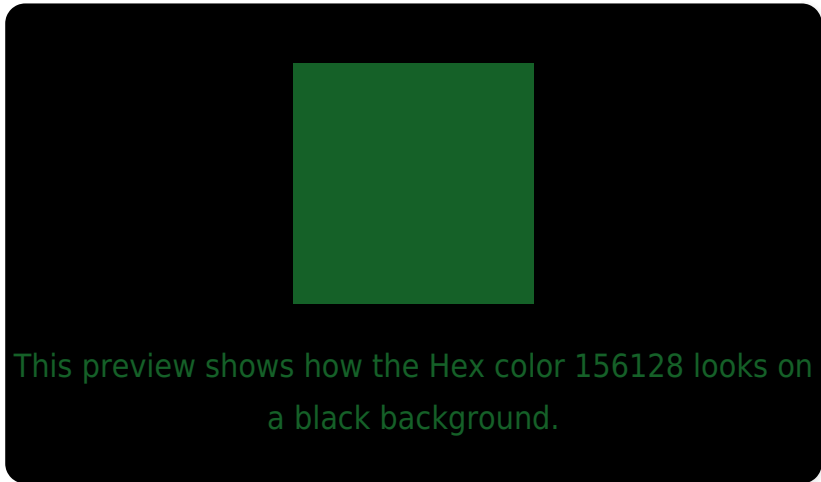
Large Text (above 18pt) WCAG AA ✓ Pass

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

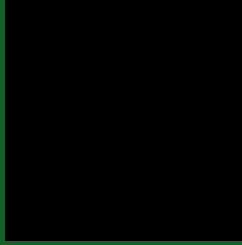
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 156128 Background



This preview shows how black text looks on a background with the Hex color 156128.



This preview shows how white text looks on a background with the Hex color 156128.

# 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**  
156128

**Protanopia**  
5D5424

**Deuteranopia**  
67502D



**Tritanopia**  
2B5B62

# Trichromacy



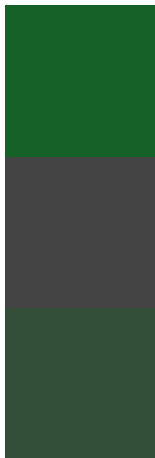
**Original Color**  
156128

**Protanomaly**  
435925

**Deuteranomaly**  
49562B

**Tritanomaly**  
235D4D

# Monochromacy



**Original Color**  
156128

**Achromatopsia**  
444444

**Achromatomaly**  
334F3A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 156128 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 #156128 looks like.

```
.text, #text, p{  
    color:#156128  
}
```

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 #156128 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #156128
}
```

## Border

The CSS property to change the border of an element to Hex 156128 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
#156128 }
```

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

```
.border{ border-color:#156128 }
```

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

Here you see how a box with a 4 pixel #156128 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #156128; -webkit-box-shadow:4px 4px  
4px 4px #156128; box-shadow:4px 4px 4px  
4px #156128 }
```

# Background

The CSS property to change the background color of an element to Hex 156128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#156128 }
```

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

```
.background{ background-color:#156128 }
```

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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