

Converting Colors

Hex(16A51C)

Have a look what the booklet for
Hex(16A51C) contains.

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Color

Hex(16A51C)

Conversions

Conversions Part 1

Format	Color
Hex	16A51C
RGB	22, 165, 28
RGB Percent	9%, 65%, 11%
CMY	0.9137, 0.3529, 0.8902
CMYK	0.87, 0.00, 0.83, 0.35
HSL	123°, 76%, 37%
HSV	123°, 87%, 65%
XYZ	13.9956, 27.1647, 5.6043
YIQ	106.6250, -41.2510, -72.9230

Conversions

Conversions Part 2

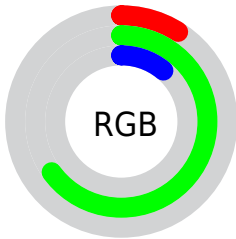
Format	Color
R_{YB}	22, 159, 165
Decimal	1484060
CIE _{Lab}	59.13, -59.79, 55.13
CIE _{LCh}	59, 81.329, 137.321
Yxy	27.1647, 0.2993, 0.5809
Android (android.graphics.Color)	4279674140 (0xFF16A51C)
YUV	106.6250, -38.7621, -74.2161
Hunter-Lab	52.1197, -43.2773, 30.1086

Details

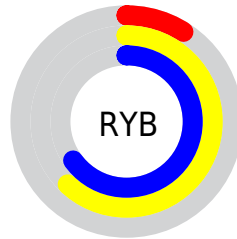
The Hex color **16A51C** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **A5169F**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **62DD55**, and **006F00** is the 20% darker color. If you saturate the color by 10%, you get **06A50C**, and if you desaturate by 10%, it is **27A52C**.

Distribution



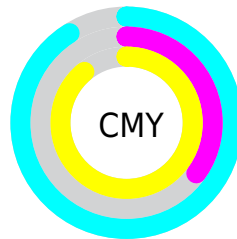
- Red (9%)
- Green (65%)
- Blue (11%)



- Red (9%)
- Yellow (62%)
- Blue (65%)



- Cyan (87%)
- Magenta (0%)
- Yellow (83%)
- Black (35%)



- Cyan (91%)
- Magenta (35%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 16A51C 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 16A51C by changing the saturation by 10% instead.

 16A51C

 16A51C

FFFFFF

 008A00

 62DD55

 006F00

 81FA70

 005600

 9FFF8B

 003D00

 BDFFA7

 002600

 DBFFC3

 000000

 F9FFE0

 FFFFFD

 16A51C

 16A51C

■ 06A50C

■ 27A52C

■ 00A507

■ 37A53C

■ 48A54B

■ 58A55B

■ 69A56B

■ 79A57B

■ 8AA58B

■ 9AA59A

■ ABA5AA

Harmonies

Analogous

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



859800



16A51C



00AB6C

Triad

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



16A51C



00A0FF



FF3869

Complementary

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



16A51C



A5169F

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.



FD3CB0



16A51C



2489FF

Square

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



16A51C



00ABF7



C365F0



F35D23

Rectangle

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



16A51C



00AD9F



C365F0



FF3280

Sweetspot

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



16A51C



9FD6A1



A0A516



4A6B4B



EBEBEB



6B6B6B

Same Dimension

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



16A51C



00D609



16A562



49524A



009106



001201

Inverse Universe

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



A5169F



D600CD



A51659



524951



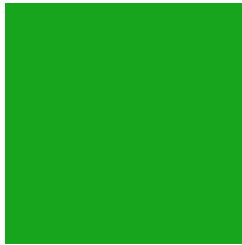
91008B



120011

Previews

White Background



This preview shows how the Hex color 16A51C looks on a white background.

Color Contrast Check

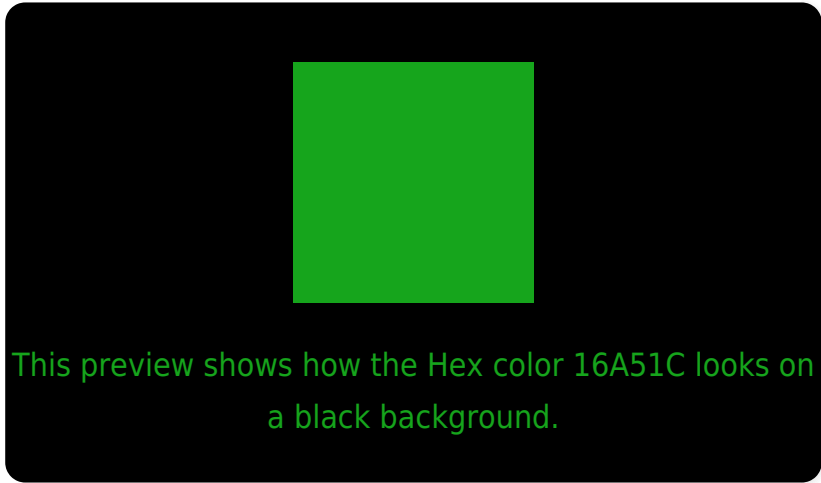
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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

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

Hex 16A51C Background



This preview shows how black text looks on a background with the Hex color 16A51C.



This preview shows how white text looks on a background with the Hex color 16A51C.

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](#).

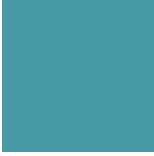
Dichromacy



Original Color
16A51C

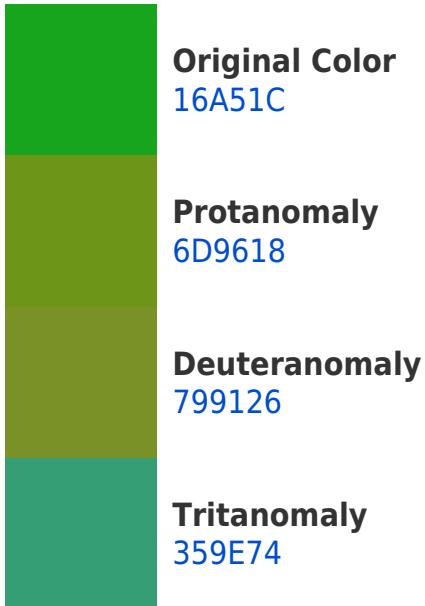
Protanopia
9F8E16

Deuteranopia
B1862C

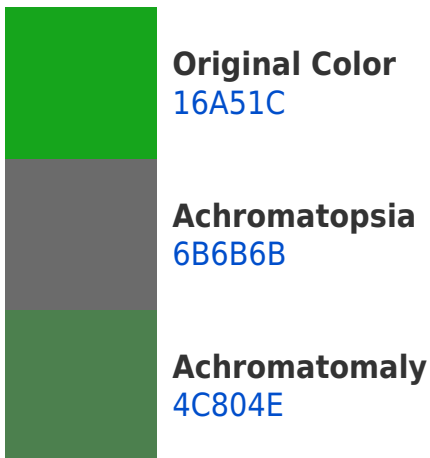


Tritanopia
479AA6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 16A51C 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 #16A51C looks like.

```
.text, #text, p{  
    color:#16A51C  
}
```

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 #16A51C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #16A51C
}
```

Border

The CSS property to change the border of an element to Hex 16A51C 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".

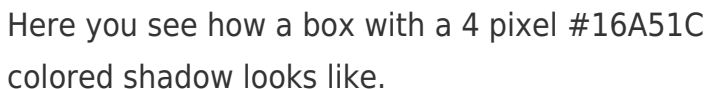
```
.border, #border, table{ border:4px solid
#16A51C }
```

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

```
.border{ border-color:#16A51C }
```

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

Here you see how a box with a 4 pixel #16A51C 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 #16A51C; -webkit-box-shadow:4px 4px  
4px 4px #16A51C; box-shadow:4px 4px 4px  
4px #16A51C }
```

Background

The CSS property to change the background color of an element to Hex 16A51C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#16A51C }
```

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

```
.background{ background-color:#16A51C }
```

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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