

# Converting Colors

Hex(16C613)

Have a look what the booklet for  
Hex(16C613) contains.

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**Color**

**Hex(16C613)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	16C613
RGB	22, 198, 19
RGB Percent	9%, 78%, 7%
CMY	0.9137, 0.2235, 0.9255
CMYK	0.89, 0.00, 0.90, 0.22
HSL	119°, 82%, 43%
HSV	119°, 90%, 78%
XYZ	20.6425, 40.6058, 7.3658
YIQ	124.9700, -47.4370, -92.9810

# Conversions

## Conversions Part 2

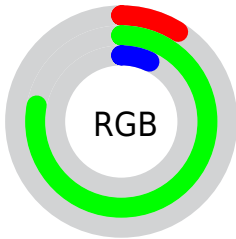
Format	Color
<a href="#">RYB</a>	<a href="#">19, 198, 195</a>
Decimal	<a href="#">1492499</a>
CIELab	<a href="#">69.90, -69.71, 66.61</a>
CIELCh	<a href="#">70, 96.415, 136.302</a>
Yxy	<a href="#">40.6058, 0.3008, 0.5918</a>
Android (android.graphics.Color)	<a href="#">4279682579 (0xFF16C613)</a>
YUV	<a href="#">124.9700, -52.2432, -90.3047</a>
Hunter-Lab	<a href="#">63.7226, -53.6908, 37.7524</a>

# Details

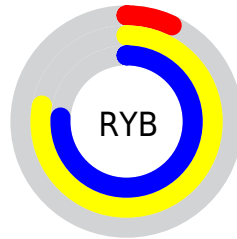
The Hex color **16C613** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **C313C6**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **6CFF56**, and **008E00** is the 20% darker color. If you saturate the color by 10%, you get **03C600**, and if you desaturate by 10%, it is **29C627**.

# Distribution



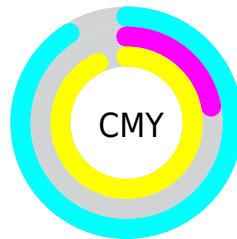
- Red (9%)
- Green (78%)
- Blue (7%)



- Red (7%)
- Yellow (78%)
- Blue (76%)



- Cyan (89%)
- Magenta (0%)
- Yellow (90%)
- Black (22%)



- Cyan (91%)
- Magenta (22%)
- Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 16C613 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 16C613 by changing the saturation by 10% instead.



 16C613

 16C613

FFFFFF

 00AA00

 6CFF56

 008E00

 8CFF73

 007300

 ACFF8F

 005900

 CBFFAB

 004000

 EAFFC8

 002800

 FFFF E5

 000000

 16C613

 16C613

 03C600

 29C627

 3DC63B

 50C64E

 64C662

 77C676

 8BC68A

 9EC69E

 B2C6B1

 C5C6C5

# Harmonies

## Analogous

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



A2B500



16C613



00CE7E

# Triad

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



16C613



00C1FF



FF3980

# Complementary

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



16C613



C313C6

# 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.



FF42D7



16C613



00A5FF

# Square

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



16C613



00CDFE



E779FF



FF6C29

# Rectangle

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



16C613



00D0BC



E779FF



FF319C

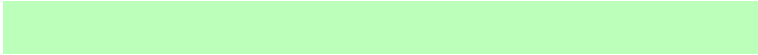


# Sweetspot

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



16C613



BBFFBA



C6C013



578057



000000



808080



# Same Dimension

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



16C613



04FF00



13C667



5A635A



03A300



012400



# Inverse Universe

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



C313C6



FB00FF



C61372



635A63



A000A3

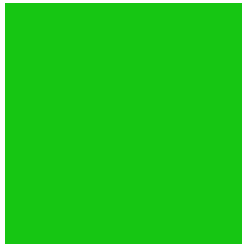


230024



# Previews

## White Background



This preview shows how the Hex color 16C613 looks on a white background.

## Color Contrast Check

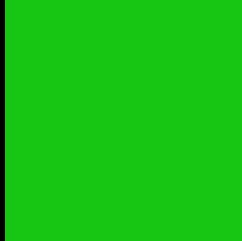
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 16C613 looks on a 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 ✓ Pass

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



## Hex 16C613 Background



This preview shows how black text looks on a background with the Hex color 16C613.

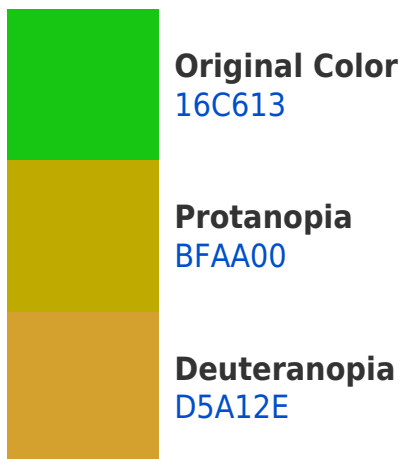


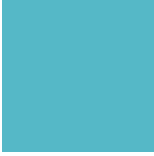
This preview shows how white text looks on a background with the Hex color 16C613.

# 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





**Tritanopia**  
55B8C7

# Trichromacy



**Original Color**  
16C613



**Protanomaly**  
82B407



**Deuteranomaly**  
90AE24



**Tritanomaly**  
3EBD86

# Monochromacy



**Original Color**  
16C613



**Achromatopsia**  
7D7D7D



**Achromatomaly**  
589856

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 16C613 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 #16C613 looks like.

```
.text, #text, p{  
    color:#16C613  
}
```

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 #16C613 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #16C613
}
```

## Border

The CSS property to change the border of an element to Hex 16C613 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
#16C613 }
```

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

```
.border{ border-color:#16C613 }
```

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

Here you see how a box with a 4 pixel #16C613 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #16C613; -webkit-box-shadow:4px 4px  
4px 4px #16C613; box-shadow:4px 4px 4px  
4px #16C613 }
```

# Background

The CSS property to change the background color of an element to Hex 16C613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#16C613 }
```

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

```
.background{ background-color:#16C613 }
```

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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