

Converting Colors

Hex(16E916)

Have a look what the booklet for
Hex(16E916) contains.

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Color

Hex(16E916)

Conversions

Conversions Part 1

Format	Color
Hex	16E916
RGB	22, 233, 22
RGB Percent	9%, 91%, 9%
CMY	0.9137, 0.0863, 0.9137
CMYK	0.91, 0.00, 0.91, 0.09
HSL	120°, 83%, 50%
HSV	120°, 91%, 91%
XYZ	29.6146, 58.5063, 10.4911
YIQ	145.8570, -58.0250, -110.3530

Conversions

Conversions Part 2

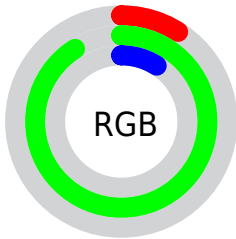
Format	Color
R _Y B	22, 233, 233
Decimal	1501462
CIE Lab	81.02, -79.22, 75.59
CIE LCh	81, 109.494, 136.344
Yxy	58.5063, 0.3003, 0.5933
Android (android.graphics.Color)	4279691542 (0xFF16E916)
YUV	145.8570, -61.0615, -108.6226
Hunter-Lab	76.4894, -64.7462, 45.4106

Details

The Hex color **16E916** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **E916E9**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **75FF5E**, and **00AF00** is the 20% darker color. If you saturate the color by 10%, you get **00E900**, and if you desaturate by 10%, it is **2DE92D**.

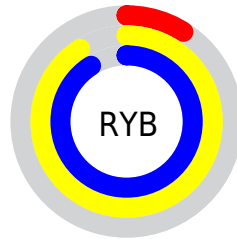
Distribution



Red (9%)

Green (91%)

Blue (9%)



Red (9%)

Yellow (91%)

Blue (91%)

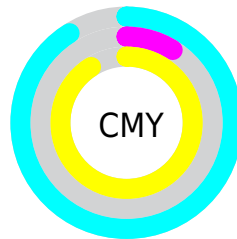


Cyan (91%)

Magenta (0%)

Yellow (91%)

Black (9%)



Cyan (91%)

Magenta (9%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 16E916 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 16E916 by changing the saturation by 10% instead.

 16E916

 16E916

FFFFFF

 00CC00

 75FF5E

 00AF00

 98FF7C

 009400

 B8FF99

 007800

 D8FFB6

 005E00

 F8FFD3

 004400

 FFFFF1

 002B00

 000700

 000000

 16E916

 16E916

 00E900

 2DE92D

 45E945

 5CE95C

 73E973

 8BE98B

 A2E9A2

 B9E9B9

 D0E9D0

 E8E9E8

Harmonies

Analogous

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



BED600



16E916



00F295

Triad

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



16E916



00E3FF



FF4396

Complementary

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



16E916



E916E9

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.



FF4DFD



16E916



00C3FF

Square

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



16E916



00F2FF



FF8EFF



FF8030

Rectangle

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



16E916



00F5DD



FF8EFF



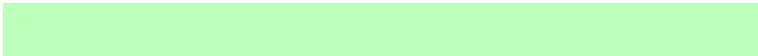
FF38B8

Sweetspot

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



16E916



BAFFBA



E9E916



578057



000000



808080

Same Dimension

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



16E916



00FF00



16E980



6A756A



00B500



003600

Inverse Universe

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



E916E9



FF00FF



E91680



756A75



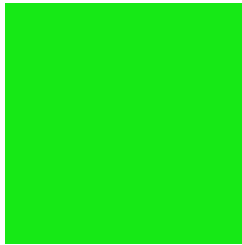
B500B5



360036

Previews

White Background



This preview shows how the Hex color 16E916 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 16E916 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 16E916 Background



This preview shows how black text looks on a background with the Hex color 16E916.

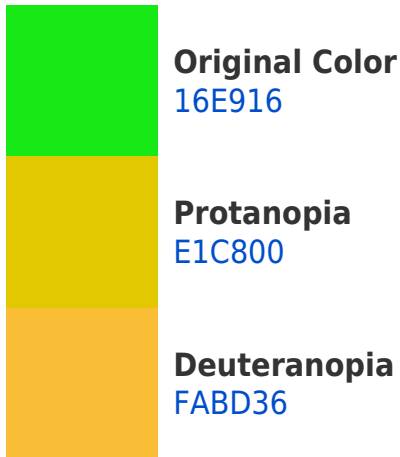


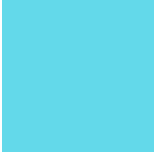
This preview shows how white text looks on a background with the Hex color 16E916.

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](#).

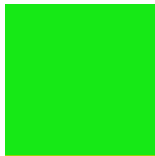
Dichromacy





Tritanopia
63D9EA

Trichromacy



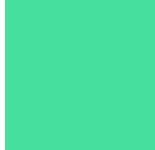
Original Color
16E916



Protanomaly
97D408

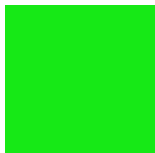


Deuteranomaly
A7CD2A



Tritanomaly
47DF9D

Monochromacy



Original Color
16E916



Achromatopsia
929292



Achromatomaly
65B265

CSS Examples

Text

The CSS property to change the color of the text to Hex 16E916 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 #16E916 looks like.

```
.text, #text, p{  
    color:#16E916  
}
```

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 #16E916 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #16E916
}
```

Border

The CSS property to change the border of an element to Hex 16E916 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
#16E916 }
```

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

```
.border{ border-color:#16E916 }
```

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

Here you see how a box with a 4 pixel #16E916 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #16E916; -webkit-box-shadow:4px 4px  
4px 4px #16E916; box-shadow:4px 4px 4px  
4px #16E916 }
```

Background

The CSS property to change the background color of an element to Hex 16E916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#16E916 }
```

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

```
.background{ background-color:#16E916 }
```

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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