

Converting Colors

Hex(01AF1E)

Have a look what the booklet for
Hex(01AF1E) contains.

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Color

Hex(01AF1E)

Conversions

Conversions Part 1

Format	Color
Hex	01AF1E
RGB	1, 175, 30
RGB Percent	0%, 69%, 12%
CMY	0.9961, 0.3137, 0.8824
CMYK	0.99, 0.00, 0.83, 0.31
HSL	130°, 99%, 35%
HSV	130°, 99%, 69%
XYZ	15.5768, 30.7601, 6.3446
YIQ	106.4440, -57.1590, -81.9830

Conversions

Conversions Part 2

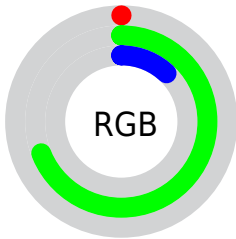
Format	Color
RYB	1, 150, 175
Decimal	110366
CIELab	62.30, -63.90, 57.47
CIELCh	62, 85.941, 138.032
Yxy	30.7601, 0.2957, 0.5839
Android (android.graphics.Color)	4278300446 (0xFF01AF1E)
YUV	106.4440, -37.6869, -92.4744
Hunter-Lab	55.4618, -46.9252, 32.0407

Details

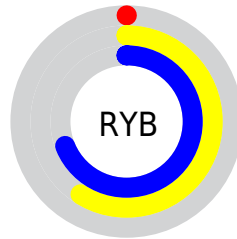
The Hex color **01AF1E** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **AF0192**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **60E858**, and **007900** is the 20% darker color. If you saturate the color by 10%, you get **00AF1D**, and if you desaturate by 10%, it is **12AF2D**.

Distribution



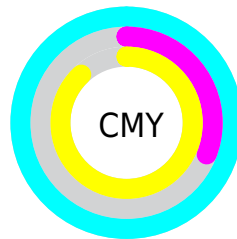
- Red (0%)
- Green (69%)
- Blue (12%)



- Red (0%)
- Yellow (59%)
- Blue (69%)



- Cyan (99%)
- Magenta (0%)
- Yellow (83%)
- Black (31%)



- Cyan (100%)
- Magenta (31%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 01AF1E 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 01AF1E by changing the saturation by 10% instead.

 01AF1E

 01AF1E

FFFFFF

 009400

 60E858

 007900

 80FF73

 005F00

 9EFF8F

 004500

 BCFFAB

 002E00

 DBFFC7

 000F00

 FAFFE4

 000000

 01AF1E

 01AF1E

 00AF1D

 12AF2D

 24AF3B

 36AF4A

 47AF58

 59AF67

 6AAF76

 7CAF84

 8DAF93

 9FAFA1

Harmonies

Analogous

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



8BA100



01AF1E



00B674

Triad

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



01AF1E



00A9FF



FF396D

Complementary

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



01AF1E



AF0192

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.



FF3CB9



01AF1E



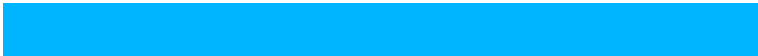
2D90FF

Square

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



01AF1E



00B5FF



D169FE



FF6321

Rectangle

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



01AF1E



00B8AA



D169FE



FF3286

Sweetspot

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



01AF1E



9FE3AA



92AF01



497350



F2F2F2



737373

Same Dimension

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



01AF1E



00E326



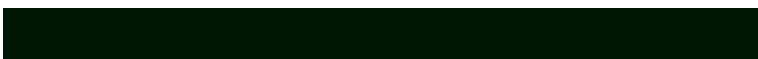
01AF75



4E574F



009619



001704

Inverse Universe

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



AF0192



E300BD



AF013B



574E55



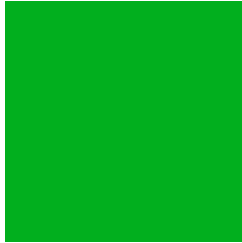
96007D



170013

Previews

White Background



This preview shows how the Hex color 01AF1E looks on a white background.

Color Contrast Check

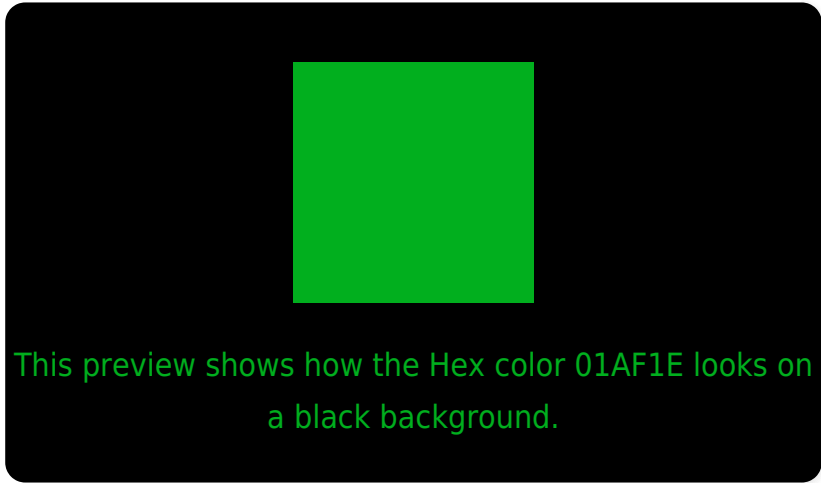
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

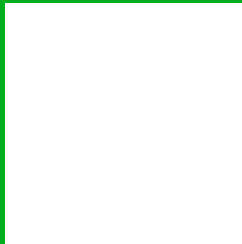
Any Text WCAG AAA ✓ Pass

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

Hex 01AF1E Background



This preview shows how black text looks on a background with the Hex color 01AF1E.

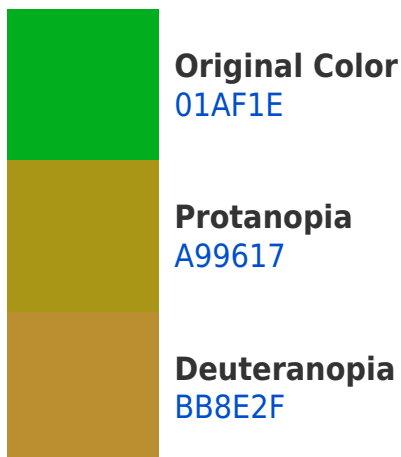


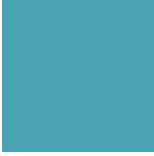
This preview shows how white text looks on a background with the Hex color 01AF1E.

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](#).

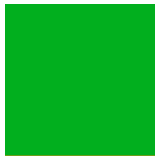
Dichromacy





Tritanopia
49A3B0

Trichromacy



Original Color
01AF1E



Protanomaly
6C9F1A



Deuteranomaly
779A29



Tritanomaly
2FA77B

Monochromacy



Original Color
01AF1E



Achromatopsia
6A6A6A



Achromatomaly
44834E

CSS Examples

Text

The CSS property to change the color of the text to Hex 01AF1E 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 #01AF1E looks like.

```
.text, #text, p{  
    color:#01AF1E  
}
```

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 #01AF1E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #01AF1E
}
```

Border

The CSS property to change the border of an element to Hex 01AF1E is called "border". The border property can be set on classes, ids or directly on the HTML element.

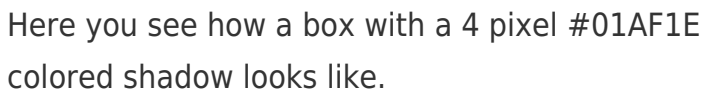
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#01AF1E }
```

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

```
.border{ border-color:#01AF1E }
```

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



Here you see how a box with a 4 pixel #01AF1E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #01AF1E; -webkit-box-shadow:4px 4px  
4px 4px #01AF1E; box-shadow:4px 4px 4px  
4px #01AF1E }
```

Background

The CSS property to change the background color of an element to Hex 01AF1E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#01AF1E }
```

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

```
.background{ background-color:#01AF1E }
```

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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