

# Converting Colors

Hex(02D618)

Have a look what the booklet for  
Hex(02D618) contains.

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**Color**

**Hex(02D618)**

# Conversions

## Conversions Part 1

Format	Color
Hex	02D618
RGB	2, 214, 24
RGB Percent	1%, 84%, 9%
CMY	0.9922, 0.1608, 0.9059
CMYK	0.99, 0.00, 0.89, 0.16
HSL	126°, 98%, 42%
HSV	126°, 99%, 84%
XYZ	24.2365, 48.1720, 8.8849
YIQ	128.9520, -65.3620, -104.0340

# Conversions

## Conversions Part 2

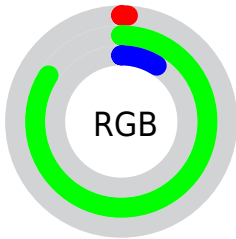
Format	Color
<a href="#">RYB</a>	<a href="#">2, 194, 214</a>
Decimal	<a href="#">185880</a>
CIELab	<a href="#">74.93, -74.89, 70.03</a>
CIELCh	<a href="#">75, 102.534, 136.919</a>
Yxy	<a href="#">48.1720, 0.2981, 0.5926</a>
Android (android.graphics.Color)	<a href="#">4278375960 (0xFF02D618)</a>
YUV	<a href="#">128.9520, -51.7413, -111.3369</a>
Hunter-Lab	<a href="#">69.4060, -59.1287, 40.9943</a>

# Details

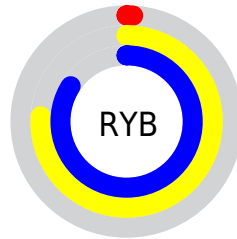
The Hex color **02D618** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **D602C0**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **6CFF5B**, and **009D00** is the 20% darker color. If you saturate the color by 10%, you get **00D616**, and if you desaturate by 10%, it is **17D62B**.

# Distribution



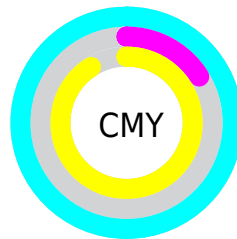
- Red (1%)
- Green (84%)
- Blue (9%)



- Red (1%)
- Yellow (76%)
- Blue (84%)



- Cyan (99%)
- Magenta (0%)
- Yellow (89%)
- Black (16%)



- Cyan (99%)
- Magenta (16%)
- Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 02D618 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 02D618 by changing the saturation by 10% instead.



 02D618

 02D618

FFFFFF

 00B900

 6CFF5B

 009D00

 8EFF78

 008200

 AEFF95

 006700

 CEFFB2

 004D00

 EDFFCF

 003500

 FFFFEC

 001A00

 000000

 02D618

 02D618

 00D616

 17D62B

 2DD63E

 42D652

 58D665

 6DD678

 82D68B

 98D69E

 ADD6B1

 C3D6C5

# Harmonies

## Analogous

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



ADC400



02D618



00DE8A

# Triad

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



02D618



00D0FF



FF3E88

# Complementary

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



02D618



D602C0

# 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.



FF45E6



02D618



00B2FF

# Square

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



02D618



00DEFF



FC81FF



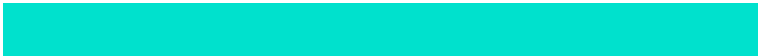
FF7629

# Rectangle

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



02D618



00E1CD



FC81FF



FF34A7

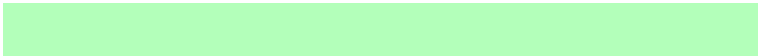


# Sweetspot

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



02D618



B3FFBA



C1D602



528056



000000



808080



# Same Dimension

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



02D618



00FF1A



02D681



606B62



00AB12



002B04



# Inverse Universe

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



D602C0



FF00E5



D60257



6B606A



AB0099

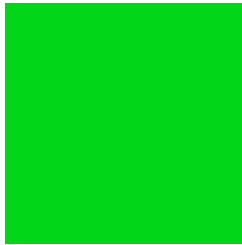


2B0027



# Previews

## White Background



This preview shows how the Hex color 02D618 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 02D618 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 02D618 Background



This preview shows how black text looks on a background with the Hex color 02D618.

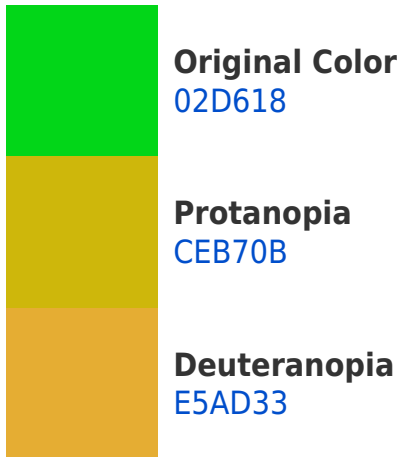


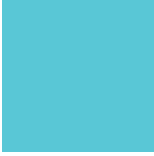
This preview shows how white text looks on a background with the Hex color 02D618.

# 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](#).

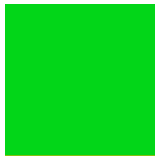
## Dichromacy





**Tritanopia**  
5AC7D7

# Trichromacy



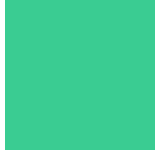
**Original Color**  
02D618



**Protanomaly**  
84C210



**Deuteranomaly**  
92BC29



**Tritanomaly**  
3ACC92

# Monochromacy



**Original Color**  
02D618



**Achromatopsia**  
818181



**Achromatomaly**  
53A05B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 02D618 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 #02D618 looks like.

```
.text, #text, p{  
    color:#02D618  
}
```

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 #02D618 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #02D618
}
```

## Border

The CSS property to change the border of an element to Hex 02D618 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
#02D618 }
```

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

```
.border{ border-color:#02D618 }
```

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

Here you see how a box with a 4 pixel #02D618 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #02D618; -webkit-box-shadow:4px 4px  
4px 4px #02D618; box-shadow:4px 4px 4px  
4px #02D618 }
```

# Background

The CSS property to change the background color of an element to Hex 02D618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#02D618 }
```

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

```
.background{ background-color:#02D618 }
```

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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