

Converting Colors

Hex(00D10F)

Have a look what the booklet for
Hex(00D10F) contains.

Hex(00D10F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(00D10F)

Conversions

Conversions Part 1

Format	Color
Hex	00D10F
RGB	0, 209, 15
RGB Percent	0%, 82%, 6%
CMY	1.0000, 0.1804, 0.9412
CMYK	1.00, 0.00, 0.93, 0.18
HSL	124°, 100%, 41%
HSV	124°, 100%, 82%
XYZ	22.8867, 45.6354, 8.0542
YIQ	124.3930, -62.2900, -104.6420

Conversions

Conversions Part 2

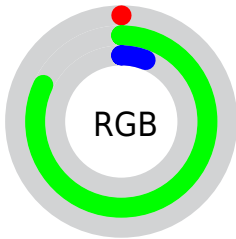
Format	Color
RYB	0, 195, 209
Decimal	53519
CIELab	73.31, -73.88, 70.02
CIELCh	73, 101.795, 136.537
Yxy	45.6354, 0.2989, 0.5959
Android (android.graphics.Color)	4278243599 (0xFF00D10F)
YUV	124.3930, -53.9307, -109.0927
Hunter-Lab	67.5540, -57.7453, 40.2189

Details

The Hex color **00D10F** 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 **D100C2**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **6BFF57**, and **009900** is the 20% darker color. If you saturate the color by 10%, you get **00D10F**, and if you desaturate by 10%, it is **15D122**.

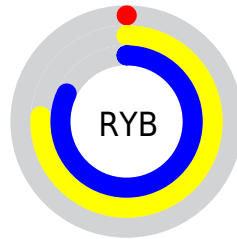
Distribution



Red (0%)

Green (82%)

Blue (6%)



Red (0%)

Yellow (76%)

Blue (82%)

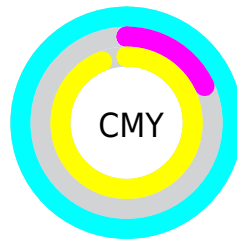


Cyan (100%)

Magenta (0%)

Yellow (93%)

Black (18%)



Cyan (100%)

Magenta (18%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00D10F 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 00D10F by changing the saturation by 10% instead.

 00D10F

 00D10F

FFFFFF

 00B500

 6BFF57

 009900

 8CFF74

 007D00

 ACFF90

 006300

 CCFFAD

 004900

 EBFFCA

 003100

 FFFFE7

 001400

 000000

 00D10F

 15D122

 2AD136

 3FD149

 54D15D

 69D170

 7DD183

 92D197

 A7D1AA

 BCD1BE

Harmonies

Analogous

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



A9C000



00D10F



00D985

Triad

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



00D10F



00CBFF



FF3885

Complementary

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



00D10F



D100C2

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.



FF41E2



00D10F



00AEFF

Square

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



00D10F



00D9FF



F57EFF



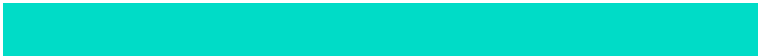
FF7127

Rectangle

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



00D10F



00DCC7



F57EFF



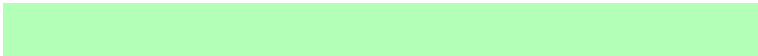
FF2DA4

Sweetspot

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



00D10F



B3FFB8



C3D100



528055



000000



808080

Same Dimension

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



00D10F



00FF12



00D176



5E695F



00A80C



002903

Inverse Universe

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



D100C2



FF00ED



D1005B



695E68



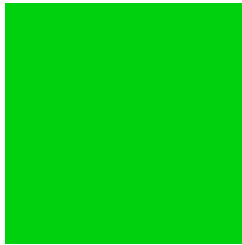
A8009C



290026

Previews

White Background



This preview shows how the Hex color 00D10F looks on a white background.

Color Contrast Check

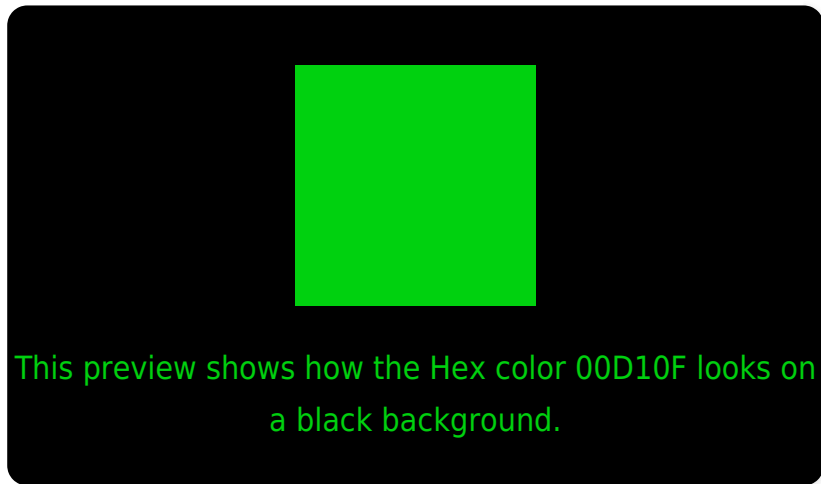
Large Text (above 18pt) WCAG AA × Fail

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 00D10F Background



This preview shows how black text looks on a background with the Hex color 00D10F.

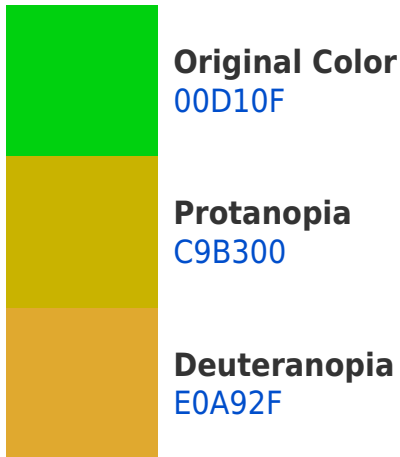


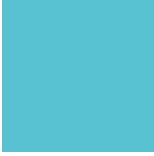
This preview shows how white text looks on a background with the Hex color 00D10F.

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](#).

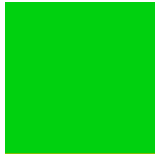
Dichromacy





Tritanopia
58C2D2

Trichromacy



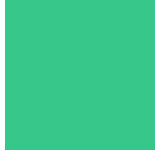
Original Color
00D10F



Protanomaly
80BE05

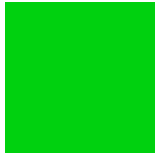


Deuteranomaly
8FB823



Tritanomaly
38C78B

Monochromacy



Original Color
00D10F



Achromatopsia
7C7C7C



Achromatomaly
4F9B54

CSS Examples

Text

The CSS property to change the color of the text to Hex 00D10F 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 #00D10F looks like.

```
.text, #text, p{  
    color:#00D10F  
}
```

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 #00D10F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00D10F
}
```

Border

The CSS property to change the border of an element to Hex 00D10F 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
#00D10F }
```

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

```
.border{ border-color:#00D10F }
```

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

Here you see how a box with a 4 pixel #00D10F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00D10F; -webkit-box-shadow:4px 4px  
4px 4px #00D10F; box-shadow:4px 4px 4px  
4px #00D10F }
```

Background

The CSS property to change the background color of an element to Hex 00D10F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00D10F }
```

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

```
.background{ background-color:#00D10F }
```

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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