

Converting Colors

Hex(04ED12)

Have a look what the booklet for
Hex(04ED12) contains.

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Color

Hex(04ED12)

Conversions

Conversions Part 1

Format	Color
Hex	04ED12
RGB	4, 237, 18
RGB Percent	2%, 93%, 7%
CMY	0.9843, 0.0706, 0.9294
CMYK	0.98, 0.00, 0.92, 0.07
HSL	124°, 97%, 47%
HSV	124°, 98%, 93%
XYZ	30.4434, 60.6379, 10.6720
YIQ	142.3670, -68.5690, -117.5050

Conversions

Conversions Part 2

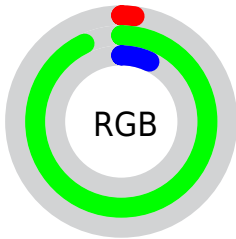
Format	Color
RYB	4, 224, 237
Decimal	322834
CIELab	82.18, -81.10, 77.07
CIELCh	82, 111.882, 136.461
Yxy	60.6379, 0.2992, 0.5959
Android (android.graphics.Color)	4278512914 (0xFF04ED12)
YUV	142.3670, -61.3129, -121.3479
Hunter-Lab	77.8703, -66.4884, 46.3836

Details

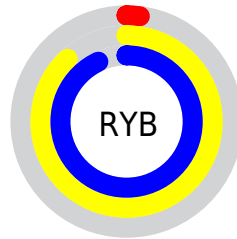
The Hex color **04ED12** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **ED04DF**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **73FF5D**, and **00B300** is the 20% darker color. If you saturate the color by 10%, you get **00ED0E**, and if you desaturate by 10%, it is **1CED28**.

Distribution



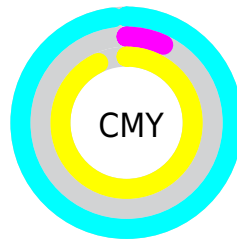
- Red (2%)
- Green (93%)
- Blue (7%)



- Red (2%)
- Yellow (88%)
- Blue (93%)



- Cyan (98%)
- Magenta (0%)
- Yellow (92%)
- Black (7%)



- Cyan (98%)
- Magenta (7%)
- Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 04ED12 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 04ED12 by changing the saturation by 10% instead.

 04ED12

 04ED12


FFFFFF

 00D000

 73FF5D

 00B300

 96FF7B

 009700

 B7FF98

 007C00

 D7FFB6

 006100

 F8FFD3

 004700

 FFFFF1

 002E00

 000E00

 000000

 04ED12

 04ED12

 00ED0E

 1CED28

 33ED3F

 4BED55

 63ED6B

 7AED81

 92ED98

 AAEDAE

 C2EDC4

 D9EDDA

Harmonies

Analogous

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



C1D900



04ED12



00F697

Triad

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



04ED12



00E7FF



FF4198

Complementary

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



04ED12



ED04DF

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.



FF4BFF



04ED12



00C6FF

Square

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



04ED12



00F6FF



FF90FF



FF812F

Rectangle

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



04ED12



00F9E1



FF90FF



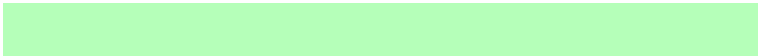
FF34BB

Sweetspot

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



04ED12



B5FFB9



E1ED04



538056



000000



808080

Same Dimension

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



04ED12



00FF0F



04ED84



6A756A



00B50B



003603

Inverse Universe

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



ED04DF



FF00F0



ED046D



756A75



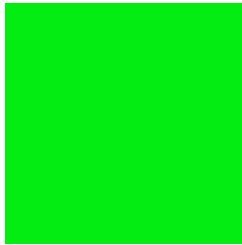
B500AA



360032

Previews

White Background



This preview shows how the Hex color 04ED12 looks on a white background.

Color Contrast Check

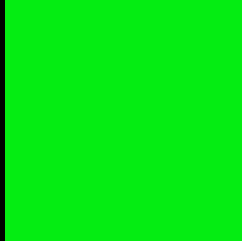
Large Text (above 18pt) WCAG AA × Fail

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 04ED12 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 04ED12 Background



This preview shows how black text looks on a background with the Hex color 04ED12.

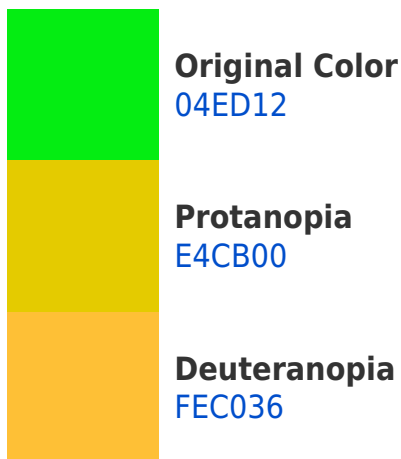


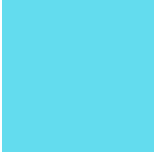
This preview shows how white text looks on a background with the Hex color 04ED12.

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](#).

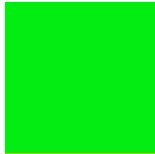
Dichromacy



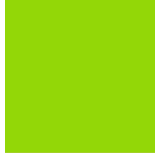


Tritanopia
63DCEE

Trichromacy



Original Color
04ED12



Protanomaly
93D707

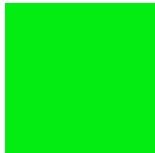


Deuteranomaly
A3D029



Tritanomaly
40E29E

Monochromacy



Original Color
04ED12



Achromatopsia
8E8E8E



Achromatomaly
5CB161

CSS Examples

Text

The CSS property to change the color of the text to Hex 04ED12 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 #04ED12 looks like.

```
.text, #text, p{  
    color:#04ED12  
}
```

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 #04ED12 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #04ED12
}
```

Border

The CSS property to change the border of an element to Hex 04ED12 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
#04ED12 }
```

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

```
.border{ border-color:#04ED12 }
```

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

Here you see how a box with a 4 pixel #04ED12 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #04ED12; -webkit-box-shadow:4px 4px  
4px 4px #04ED12; box-shadow:4px 4px 4px  
4px #04ED12 }
```

Background

The CSS property to change the background color of an element to Hex 04ED12 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#04ED12 }
```

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

```
.background{ background-color:#04ED12 }
```

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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