

Converting Colors

Hex(00EC15)

Have a look what the booklet for
Hex(00EC15) contains.

Hex(00EC15)	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(00EC15)

Conversions

Conversions Part 1

Format	Color
Hex	00EC15
RGB	0, 236, 21
RGB Percent	0%, 93%, 8%
CMY	1.0000, 0.0745, 0.9176
CMYK	1.00, 0.00, 0.91, 0.07
HSL	125°, 100%, 46%
HSV	125°, 100%, 93%
XYZ	30.1308, 60.0450, 10.7113
YIQ	140.9260, -71.6410, -116.8970

Conversions

Conversions Part 2

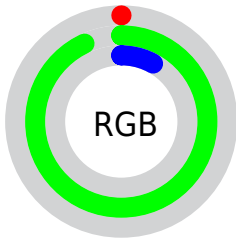
Format	Color
RYB	0, 217, 236
Decimal	60437
CIELab	81.86, -80.90, 76.40
CIELCh	82, 111.272, 136.636
Yxy	60.0450, 0.2987, 0.5952
Android (android.graphics.Color)	4278250517 (0xFF00EC15)
YUV	140.9260, -59.1235, -123.5921
Hunter-Lab	77.4887, -66.1972, 46.0465

Details

The Hex color **00EC15** 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 **EC00D7**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **72FF5E**, and **00B200** is the 20% darker color. If you saturate the color by 10%, you get **00EC15**, and if you desaturate by 10%, it is **18EC2A**.

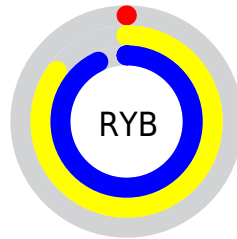
Distribution



Red (0%)

Green (93%)

Blue (8%)



Red (0%)

Yellow (85%)

Blue (93%)

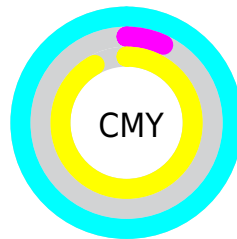


Cyan (100%)

Magenta (0%)

Yellow (91%)

Black (7%)



Cyan (100%)

Magenta (7%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00EC15 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 00EC15 by changing the saturation by 10% instead.

 00EC15

 00EC15

FFFFFF

 00CF00

 72FF5E

 00B200

 95FF7C

 009600

 B6FF99

 007B00

 D6FFB6

 006000

 F7FFD4

 004600

 FFFFF2

 002D00

 000D00

 000000

 00EC15

 18EC2A

 2FEC40

 47EC56

 5EEC6B

 76EC81

 8EEC96

 A5ECAB

 BDECC1

 D4ECD7

Harmonies

Analogous

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



BFD900



00EC15



00F597

Triad

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



00EC15



00E6FF



FF4297

Complementary

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



00EC15



EC00D7

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



00EC15



00C5FF

Square

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



00EC15



00F5FF



FF8FFF



FF812E

Rectangle

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



00EC15



00F8E1



FF8FFF



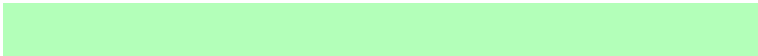
FF36B9

Sweetspot

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



00EC15



B3FFB9



D8EC00



528056



000000



808080

Same Dimension

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



00EC15



00FF17



00EC8A



6A756B



00B510



003605

Inverse Universe

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



EC00D7



FF00E8



EC0062



756A74



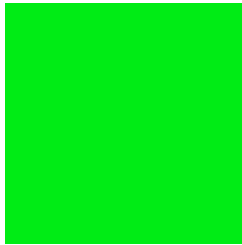
B500A5



360031

Previews

White Background



This preview shows how the Hex color 00EC15 looks on a white background.

Color Contrast Check

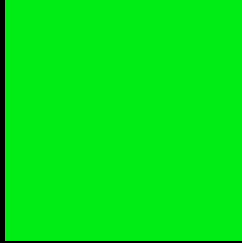
Large Text (above 18pt) WCAG AA × Fail

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 00EC15 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

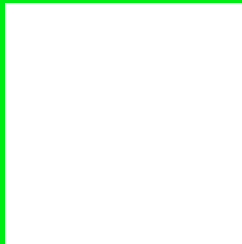
Any Text WCAG AAA ✓ Pass

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

Hex 00EC15 Background



This preview shows how black text looks on a background with the Hex color 00EC15.

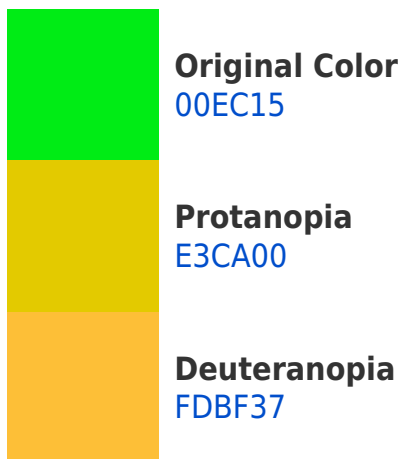


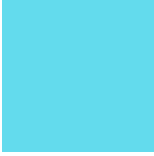
This preview shows how white text looks on a background with the Hex color 00EC15.

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](#).

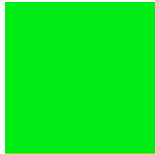
Dichromacy





Tritanopia
63DBED

Trichromacy



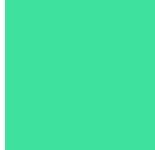
Original Color
00EC15



Protanomaly
90D608

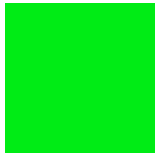


Deuteranomaly
A1CF2B



Tritanomaly
3FE19E

Monochromacy



Original Color
00EC15



Achromatopsia
8D8D8D



Achromatomaly
5AB061

CSS Examples

Text

The CSS property to change the color of the text to Hex 00EC15 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 #00EC15 looks like.

```
.text, #text, p{  
    color:#00EC15  
}
```

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 #00EC15 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00EC15
}
```

Border

The CSS property to change the border of an element to Hex 00EC15 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".

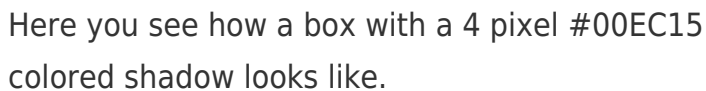
```
.border, #border, table{ border:4px solid
#00EC15 }
```

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

```
.border{ border-color:#00EC15 }
```

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

Here you see how a box with a 4 pixel #00EC15 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00EC15; -webkit-box-shadow:4px 4px  
4px 4px #00EC15; box-shadow:4px 4px 4px  
4px #00EC15 }
```

Background

The CSS property to change the background color of an element to Hex 00EC15 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00EC15 }
```

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

```
.background{ background-color:#00EC15 }
```

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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