

Converting Colors

Hex(00EA27)

Have a look what the booklet for
Hex(00EA27) contains.

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Color

Hex(00EA27)

Conversions

Conversions Part 1

Format	Color
Hex	00EA27
RGB	0, 234, 39
RGB Percent	0%, 92%, 15%
CMY	1.0000, 0.0824, 0.8471
CMYK	1.00, 0.00, 0.83, 0.08
HSL	130°, 100%, 46%
HSV	130°, 100%, 92%
XYZ	29.7890, 58.9921, 11.7360
YIQ	141.8040, -76.8690, -110.2530

Conversions

Conversions Part 2

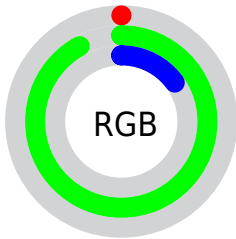
Format	Color
RYB	0, 201, 234
Decimal	59943
CIELab	81.29, -79.71, 72.56
CIELCh	81, 107.786, 137.690
Yxy	58.9921, 0.2964, 0.5869
Android (android.graphics.Color)	4278250023 (0xFF00EA27)
YUV	141.8040, -50.6824, -124.3621
Hunter-Lab	76.8063, -65.1806, 44.7049

Details

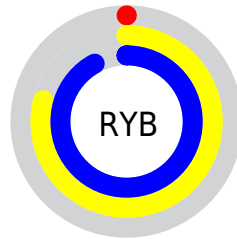
The Hex color **00EA27** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **EA00C3**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **71FF67**, and **00B000** is the 20% darker color. If you saturate the color by 10%, you get **00EA27**, and if you desaturate by 10%, it is **17EA3A**.

Distribution



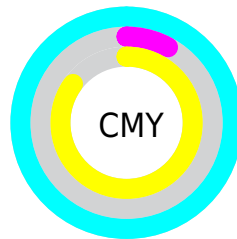
- Red (0%)
- Green (92%)
- Blue (15%)



- Red (0%)
- Yellow (79%)
- Blue (92%)



- Cyan (100%)
- Magenta (0%)
- Yellow (83%)
- Black (8%)



- Cyan (100%)
- Magenta (8%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00EA27 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 00EA27 by changing the saturation by 10% instead.

 00EA27

FFFFFF

 71FF67

 94FF84

 B5FFA1

 D5FFBE


 F5FFDB

 FFFFF9

 00EA27

 00CD00

 00B000

 009400

 007900

 005E00

 004500

 002B00

 000900

 000000

 00EA27

 17EA3A

 2FEA4E

 46EA62

 5EEA75

 75EA88

 8CEA9C

 A4EAB0

 BBEAC3

 D3EAD6

Harmonies

Analogous

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



BBD700



00EA27



00F39B

Triad

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



00EA27



00E2FF



FF4C93

Complementary

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



00EA27



EA00C3

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.



FF51F8



00EA27



2FC2FF

Square

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



00EA27



00F2FF



FF8EFF



FF852F

Rectangle

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



00EA27



00F5E2



FF8EFF



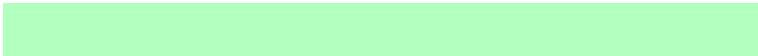
FF42B5

Sweetspot

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



00EA27



B3FFBF



C3EA00



528059



000000



808080

Same Dimension

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



00EA27



00FF2A



00EA9C



6A756C



00B51E



003609

Inverse Universe

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



EA00C3



FF00D4



EA004E



756A73



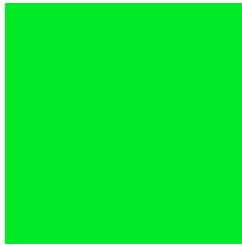
B50097



36002D

Previews

White Background



This preview shows how the Hex color 00EA27 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 00EA27 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

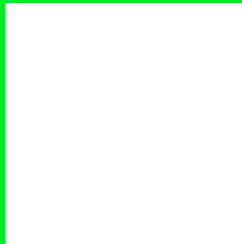
Any Text WCAG AAA ✓ Pass

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

Hex 00EA27 Background



This preview shows how black text looks on a background with the Hex color 00EA27.

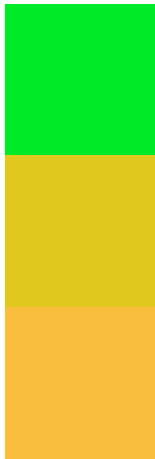


This preview shows how white text looks on a background with the Hex color 00EA27.

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](#).

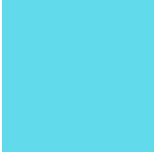
Dichromacy



Original Color
00EA27

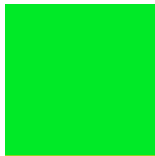
Protanopia
E1C81E

Deuteranopia
FABE3F



Tritanopia
61DAEB

Trichromacy



Original Color

00EA27



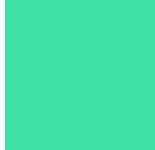
Protanomaly

8FD421



Deuteranomaly

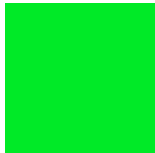
9FCE36



Tritanomaly

3EE0A4

Monochromacy



Original Color

00EA27



Achromatopsia

8E8E8E



Achromatomaly

5AAF69

CSS Examples

Text

The CSS property to change the color of the text to Hex 00EA27 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 #00EA27 looks like.

```
.text, #text, p{  
    color:#00EA27  
}
```

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 #00EA27 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00EA27
}
```

Border

The CSS property to change the border of an element to Hex 00EA27 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
#00EA27 }
```

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

```
.border{ border-color:#00EA27 }
```

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

Here you see how a box with a 4 pixel #00EA27 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00EA27; -webkit-box-shadow:4px 4px  
4px 4px #00EA27; box-shadow:4px 4px 4px  
4px #00EA27 }
```

Background

The CSS property to change the background color of an element to Hex 00EA27 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00EA27 }
```

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

```
.background{ background-color:#00EA27 }
```

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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