

# Converting Colors

Hex(00FF2E)

Have a look what the booklet for  
Hex(00FF2E) contains.

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# **Color**

**Hex(00FF2E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00FF2E
RGB	0, 255, 46
RGB Percent	0%, 100%, 18%
CMY	1.0000, 0.0000, 0.8196
CMYK	1.00, 0.00, 0.82, 0.00
HSL	131°, 100%, 50%
HSV	131°, 100%, 100%
XYZ	36.2531, 71.7173, 14.5169
YIQ	154.9290, -84.8910, -119.0590

# Conversions

## Conversions Part 2

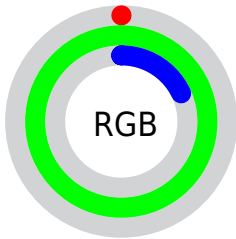
Format	Color
<a href="#">RYB</a>	<a href="#">0, 216, 255</a>
Decimal	<a href="#">65326</a>
CIELab	<a href="#">87.83, -84.94, 76.85</a>
CIELCh	<a href="#">88, 114.548, 137.864</a>
Yxy	<a href="#">71.7173, 0.2960, 0.5855</a>
Android (android.graphics.Color)	<a href="#">4278255406 (0xFF00FF2E)</a>
YUV	<a href="#">154.9290, -53.7020, -135.8727</a>
Hunter-Lab	<a href="#">84.6860, -71.7867, 49.1168</a>

# Details

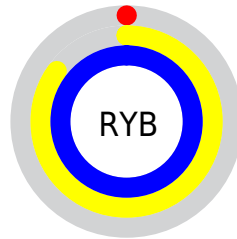
The Hex color **00FF2E** is a dark color, and the websafe version is hex **00FF33**. The color can be described as dark saturated green. A complement of this color would be **FF00D1**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **77FF6E**, and **00C400** is the 20% darker color. If you saturate the color by 10%, you get **00FF2E**, and if you desaturate by 10%, it is **19FF43**.

# Distribution



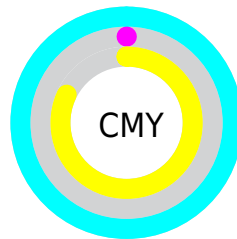
- Red (0%)
- Green (100%)
- Blue (18%)



- Red (0%)
- Yellow (85%)
- Blue (100%)



- Cyan (100%)
- Magenta (0%)
- Yellow (82%)
- Black (0%)



- Cyan (100%)
- Magenta (0%)
- Yellow (82%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 00FF2E 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 00FF2E by changing the saturation by 10% instead.



 00FF2E

 00FF2E

FFFFFF

 00E100

 77FF6E

 00C400

 9AFF8C

 00A800

 BCFFA9

 008C00

 DDFFC6

 007100

 FEFFE4

 005600

 003D00

 002200

 000000

 00FF2E

 19FF43

 33FF58

 4DFF6D

 66FF82

 80FF96

 99FFAB

 B3FFC0

 CCFFD5

 E6FFEA

# Harmonies

## Analogous

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



CCEB00



00FF2E



00FFAB

# Triad

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



00FF2E



00F6FF



FF55A1

# Complementary

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



00FF2E



FF00D1

# 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.



FF5AFF



00FF2E



3DD3FF

# Square

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



00FF2E



00FFFF



FF9BFF



FF9234

# Rectangle

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



00FF2E



00FFF7



FF9BFF



FF4AC5

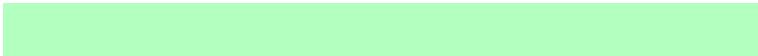


# Sweetspot

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



00FF2E



B3FFC0



D4FF00



52805A



000000



808080



# Same Dimension

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



00FF2E



00FFAA



738075



00BF22



00400B

# Inverse Universe

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



FF00D1



FF0055



80737D



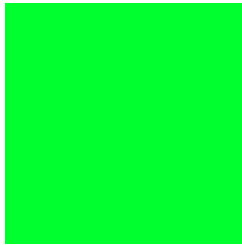
BF009D



400034

# Previews

## White Background



This preview shows how the Hex color 00FF2E 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 00FF2E 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

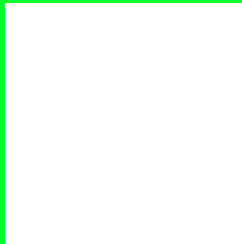
Any Text WCAG AAA ✓ Pass

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

## Hex 00FF2E Background



This preview shows how black text looks on a background with the Hex color 00FF2E.

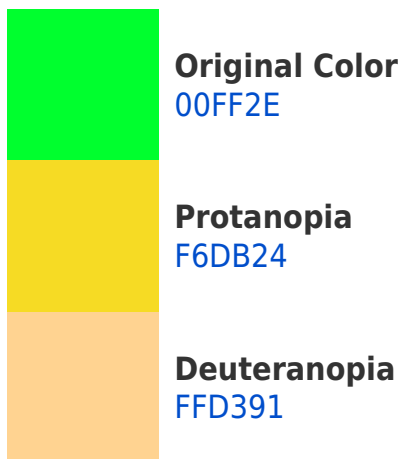


This preview shows how white text looks on a background with the Hex color 00FF2E.

# 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

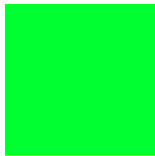






**Tritanopia**  
72EDFF

# Trichromacy



**Original Color**  
00FF2E



**Protanomaly**  
9DE828

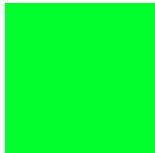


**Deuteranomaly**  
A2E36D



**Tritanomaly**  
49F4B3

# Monochromacy



**Original Color**  
00FF2E



**Achromatopsia**  
9B9B9B



**Achromatomaly**  
63BF73

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00FF2E 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 #00FF2E looks like.

```
.text, #text, p{  
    color:#00FF2E  
}
```

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 #00FF2E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00FF2E
}
```

## Border

The CSS property to change the border of an element to Hex 00FF2E is called "border". The border property can be set on classes, ids or directly on the HTML element.

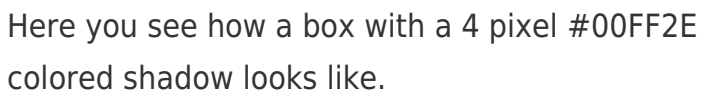
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#00FF2E }
```

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

```
.border{ border-color:#00FF2E }
```

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



Here you see how a box with a 4 pixel #00FF2E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00FF2E; -webkit-box-shadow:4px 4px  
4px 4px #00FF2E; box-shadow:4px 4px 4px  
4px #00FF2E }
```

# Background

The CSS property to change the background color of an element to Hex 00FF2E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00FF2E }
```

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

```
.background{ background-color:#00FF2E }
```

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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