

# Converting Colors

Hex(00F92A)

Have a look what the booklet for  
Hex(00F92A) contains.

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# Color

Hex(00F92A)

# Conversions

## Conversions Part 1

Format	Color
Hex	00F92A
RGB	0, 249, 42
RGB Percent	0%, 98%, 16%
CMY	1.0000, 0.0235, 0.8353
CMYK	1.00, 0.00, 0.83, 0.02
HSL	130°, 100%, 49%
HSV	130°, 100%, 98%
XYZ	34.2936, 67.9185, 13.4926
YIQ	150.9510, -81.9570, -117.1650

# Conversions

## Conversions Part 2

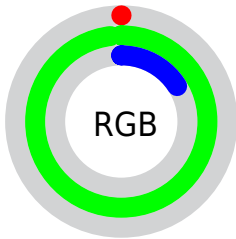
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 213, 249
Decimal	63786
CIELab	85.97, -83.55, 76.09
CIELCh	86, 113.009, 137.676
Yxy	67.9185, 0.2964, 0.5870
Android (android.graphics.Color)	4278253866 (0xFF00F92A)
YUV	150.9510, -53.7128, -132.3840
Hunter-Lab	82.4127, -69.9447, 47.9819

# Details

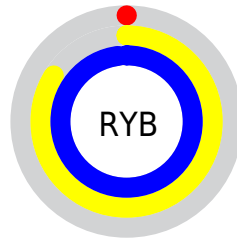
The Hex color **00F92A** is a dark color, and the websafe version is hex **00FF33**. The color can be described as dark saturated green. A complement of this color would be **F900CF**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **75FF6B**, and **00BF00** is the 20% darker color. If you saturate the color by 10%, you get **00F92A**, and if you desaturate by 10%, it is **19F93F**.

# Distribution



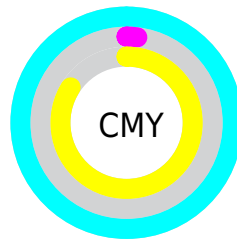
- Red (0%)
- Green (98%)
- Blue (16%)



- Red (0%)
- Yellow (84%)
- Blue (98%)



- Cyan (100%)
- Magenta (0%)
- Yellow (83%)
- Black (2%)



- Cyan (100%)
- Magenta (2%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00F92A 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 00F92A by changing the saturation by 10% instead.



 00F92A

 00F92A

FFFFFF

 00DC00

 75FF6B

 00BF00

 99FF88

 00A200

 BAFFA6

 008700

 DBFFC3

 006B00

 FBFFE1

 005100

 003800

 001D00

 000000

 00F92A

 19F93F

 32F953

 4BF968

 64F97D

 7DF992

 95F9A6

 AEF9BB

 C7F9D0

 EOF9E4

# Harmonies

## Analogous

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



C7E500



00F92A



00FFA5

# Triad

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



00F92A



00F1FF



FF519D

# Complementary

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



00F92A



F900CF

# 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.



FF56FF



00F92A



31CEFF

# Square

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



00F92A



00FFFF



FF97FF



FF8E32

# Rectangle

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



00F92A



00FFF1



FF97FF



FF46C0

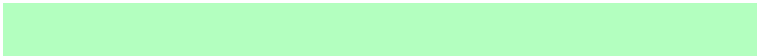


# Sweetspot

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



00F92A



B3FFBF



CFF900



528059



000000



808080



# Same Dimension

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



00F92A



00FF2B



00F9A6



707D73



00BD20



003D0A



# Inverse Universe

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



F900CF



FF00D4



F90053



7D707B



BD009D

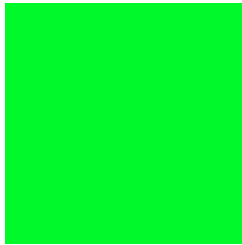


3D0033



# Previews

## White Background



This preview shows how the Hex color 00F92A looks on a white background.

## Color Contrast Check

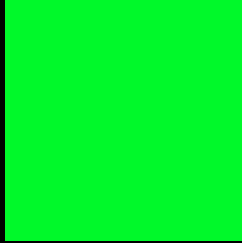
Large Text (above 18pt) WCAG AA × Fail

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 00F92A 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

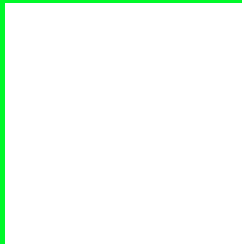
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 00F92A Background



This preview shows how black text looks on a background with the Hex color 00F92A.

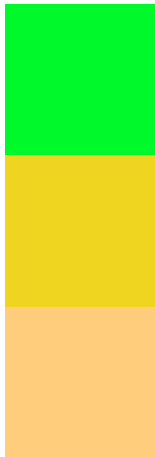


This preview shows how white text looks on a background with the Hex color 00F92A.

# 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](#).

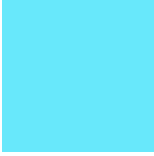
## Dichromacy



**Original Color**  
00F92A

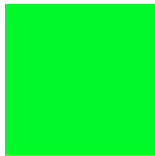
**Protanopia**  
F0D520

**Deuteranopia**  
FFCD7B



**Tritanopia**  
68E8FB

# Trichromacy



**Original Color**  
00F92A



**Protanomaly**  
99E224

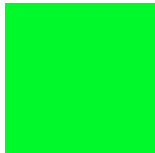


**Deuteranomaly**  
A2DD5E



**Tritanomaly**  
42EEAF

# Monochromacy



**Original Color**  
00F92A



**Achromatopsia**  
979797



**Achromatomaly**  
60BB6F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00F92A 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 #00F92A looks like.

```
.text, #text, p{  
    color:#00F92A  
}
```

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 #00F92A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00F92A
}
```

## Border

The CSS property to change the border of an element to Hex 00F92A 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".

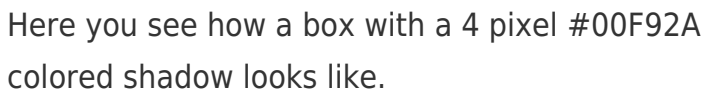
```
.border, #border, table{ border:4px solid
#00F92A }
```

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

```
.border{ border-color:#00F92A }
```

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

Here you see how a box with a 4 pixel #00F92A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00F92A; -webkit-box-shadow:4px 4px  
4px 4px #00F92A; box-shadow:4px 4px 4px  
4px #00F92A }
```

# Background

The CSS property to change the background color of an element to Hex 00F92A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00F92A }
```

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

```
.background{ background-color:#00F92A }
```

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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