

# Converting Colors

Hex(00F94F)

Have a look what the booklet for  
Hex(00F94F) contains.

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**Color**

**Hex(00F94F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00F94F
RGB	0, 249, 79
RGB Percent	0%, 98%, 31%
CMY	1.0000, 0.0235, 0.6902
CMYK	1.00, 0.00, 0.68, 0.02
HSL	139°, 100%, 49%
HSV	139°, 100%, 98%
XYZ	35.2870, 68.3159, 18.7236
YIQ	155.1690, -93.8340, -105.6580

# Conversions

## Conversions Part 2

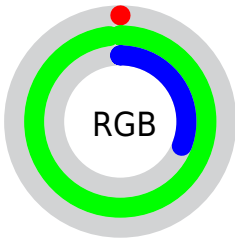
Format	Color
<a href="#">RYB</a>	<a href="#">0, 189, 249</a>
Decimal	<a href="#">63823</a>
CIELab	<a href="#">86.16, -81.00, 64.93</a>
CIELCh	<a href="#">86, 103.813, 141.286</a>
Yxy	<a href="#">68.3159, 0.2885, 0.5585</a>
Android (android.graphics.Color)	<a href="#">4278253903 (0xFF00F94F)</a>
YUV	<a href="#">155.1690, -37.5513, -136.0832</a>
Hunter-Lab	<a href="#">82.6534, -68.4370, 44.4263</a>

# Details

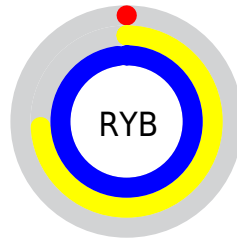
The Hex color **00F94F** is a dark color, and the websafe version is hex **00FF66**. The color can be described as dark saturated green. A complement of this color would be **F900AA**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **74FF87**, and **00BF04** is the 20% darker color. If you saturate the color by 10%, you get **00F94F**, and if you desaturate by 10%, it is **19F960**.

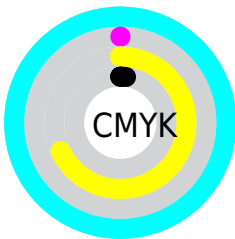
# Distribution



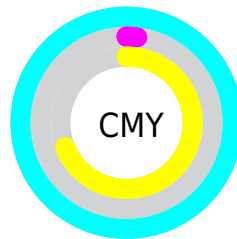
- Red (0%)
- Green (98%)
- Blue (31%)



- Red (0%)
- Yellow (74%)
- Blue (98%)



- Cyan (100%)
- Magenta (0%)
- Yellow (68%)
- Black (2%)



- Cyan (100%)
- Magenta (2%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00F94F 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 00F94F by changing the saturation by 10% instead.



 00F94F

 00F94F

FFFFFF

 00DC31

 74FF87

 00BF04

 97FFA4

 00A200

 B8FFC0

 008700

 D8FFDE

 006C00

 F9FFFB

 005100

 003800

 001E00

 000000

 00F94F

 19F960

 32F971

 4BF982

 64F993

 7DF9A4

 95F9B5

 AEF9C6

 C7F9D7

 EOF9E8

# Harmonies

## Analogous

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



C0E800



00F94F



00FFB7

# Triad

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



00F94F



00ECFF



FF6E97

# Complementary

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



00F94F



F900AA

# 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.



FF69F9



00F94F



8CCAFF

# Square

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



00F94F



00FEFF



FF99FF



FF9D38

# Rectangle

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



00F94F



00FFFB



FF99FF



FF64B7

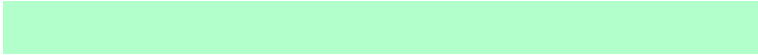


# Sweetspot

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



00F94F



B3FFCB



AAF900



528060



000000



808080



# Same Dimension

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



00F94F



00FF51



00F9CB



707D74



00BD3C



003D13



# Inverse Universe

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



F900AA



FF00AE



F9002E



7D7079



BD0081

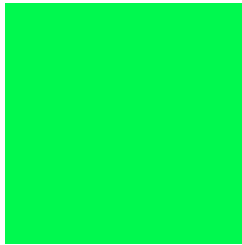


3D002A



# Previews

## White Background



This preview shows how the Hex color 00F94F 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 00F94F 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

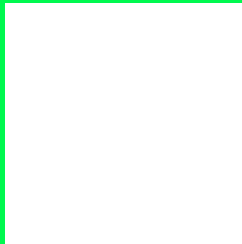
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 00F94F Background



This preview shows how black text looks on a background with the Hex color 00F94F.

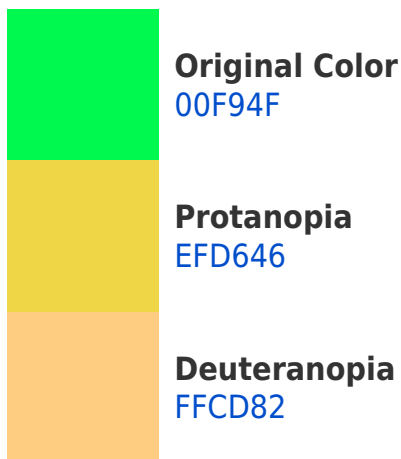


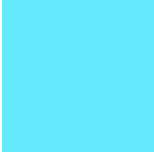
This preview shows how white text looks on a background with the Hex color 00F94F.

# 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**  
65E9FC

# Trichromacy



**Original Color**  
00F94F



**Protanomaly**  
98E349

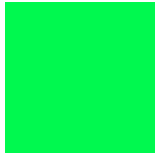


**Deuteranomaly**  
A2DD6F



**Tritanomaly**  
40EFBD

# Monochromacy



**Original Color**  
00F94F



**Achromatopsia**  
9B9B9B



**Achromatomaly**  
63BD7F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00F94F 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 #00F94F looks like.

```
.text, #text, p{  
    color:#00F94F  
}
```

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 #00F94F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00F94F
}
```

## Border

The CSS property to change the border of an element to Hex 00F94F 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
#00F94F }
```

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

```
.border{ border-color:#00F94F }
```

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

Here you see how a box with a 4 pixel #00F94F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00F94F; -webkit-box-shadow:4px 4px  
4px 4px #00F94F; box-shadow:4px 4px 4px  
4px #00F94F }
```

# Background

The CSS property to change the background color of an element to Hex 00F94F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00F94F }
```

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

```
.background{ background-color:#00F94F }
```

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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