

Converting Colors

Hex(00F944)

Have a look what the booklet for
Hex(00F944) contains.

Hex(00F944)	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(00F944)

Conversions

Conversions Part 1

Format	Color
Hex	00F944
RGB	0, 249, 68
RGB Percent	0%, 98%, 27%
CMY	1.0000, 0.0235, 0.7333
CMYK	1.00, 0.00, 0.73, 0.02
HSL	136°, 100%, 49%
HSV	136°, 100%, 98%
XYZ	34.9191, 68.1687, 16.7863
YIQ	153.9150, -90.3030, -109.0790

Conversions

Conversions Part 2

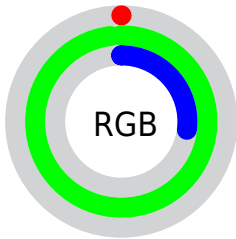
Format	Color
RYB	0, 196, 249
Decimal	63812
CIELab	86.09, -81.94, 68.78
CIELCh	86, 106.979, 139.991
Yxy	68.1687, 0.2913, 0.5687
Android (android.graphics.Color)	4278253892 (0xFF00F944)
YUV	153.9150, -42.3561, -134.9835
Hunter-Lab	82.5643, -68.9943, 45.7407

Details

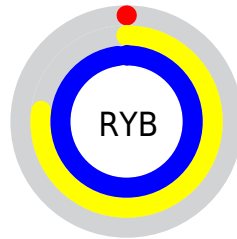
The Hex color **00F944** is a dark color, and the websafe version is hex **00FF33**. The color can be described as dark saturated green. A complement of this color would be **F900B5**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **74FF7E**, and **00BF00** is the 20% darker color. If you saturate the color by 10%, you get **00F944**, and if you desaturate by 10%, it is **19F956**.

Distribution



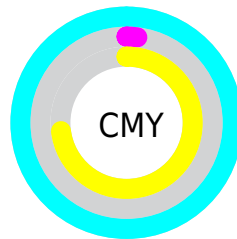
- Red (0%)
- Green (98%)
- Blue (27%)



- Red (0%)
- Yellow (77%)
- Blue (98%)



- Cyan (100%)
- Magenta (0%)
- Yellow (73%)
- Black (2%)




- Cyan (100%)
- Magenta (2%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00F944 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 00F944 by changing the saturation by 10% instead.

 00F944

 00F944

FFFFFF

 00DC22


 74FF7E

 00BF00

 97FF9B

 00A200

 B9FFB7

 008700

 D9FFD4


 006C00

 F9FFF2

 005100

 003800

 001E00

 000000

 00F944

 19F956

 32F968

 4BF97A

 64F98C

 7DF99E

 95F9B1

 AEF9C3

 C7F9D5

 EOF9E7

Harmonies

Analogous

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



C2E700



00F944



00FFB1

Triad

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



00F944



00EEFF



FF6599

Complementary

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



00F944



F900B5

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.



FF63FE



00F944



77CBFF

Square

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



00F944



00FFFF



FF98FF



FF9836

Rectangle

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



00F944



00FFF8



FF98FF



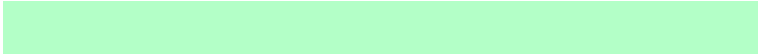
FF5BBA

Sweetspot

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



00F944



B3FFC7



B7F900



52805E



000000



808080

Same Dimension

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



00F944



00FF46



00F9BF



707D74



00BD34



003D11

Inverse Universe

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



F900B5



FF00B9



F9003A



7D707A



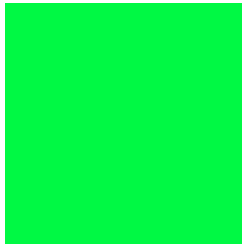
BD0089



3D002C

Previews

White Background



This preview shows how the Hex color 00F944 looks on a white background.

Color Contrast Check

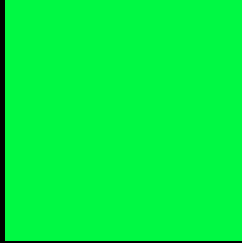
Large Text (above 18pt) WCAG AA × Fail

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 00F944 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

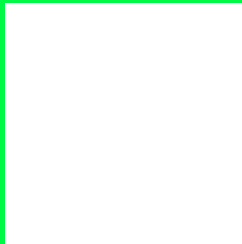
Any Text WCAG AAA ✓ Pass

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

Hex 00F944 Background



This preview shows how black text looks on a background with the Hex color 00F944.

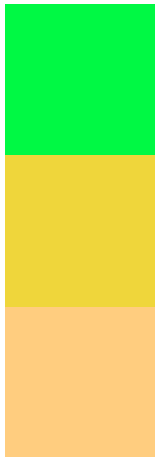


This preview shows how white text looks on a background with the Hex color 00F944.

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](#).

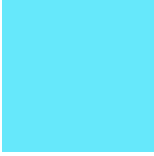
Dichromacy



Original Color
00F944

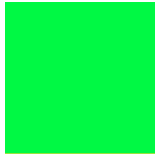
Protanopia
EFD63B

Deuteranopia
FFCD7F



Tritanopia
66E8FB

Trichromacy



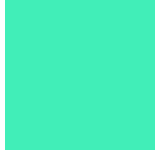
Original Color
00F944



Protanomaly
98E33E



Deuteranomaly
A2DD6A



Tritanomaly
41EEB8

Monochromacy



Original Color
00F944



Achromatopsia
9A9A9A



Achromatomaly
62BD7B

CSS Examples

Text

The CSS property to change the color of the text to Hex 00F944 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 #00F944 looks like.

```
.text, #text, p{  
    color:#00F944  
}
```

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 #00F944 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00F944
}
```

Border

The CSS property to change the border of an element to Hex 00F944 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
#00F944 }
```

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

```
.border{ border-color:#00F944 }
```

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

Here you see how a box with a 4 pixel #00F944 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00F944; -webkit-box-shadow:4px 4px  
4px 4px #00F944; box-shadow:4px 4px 4px  
4px #00F944 }
```

Background

The CSS property to change the background color of an element to Hex 00F944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00F944 }
```

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

```
.background{ background-color:#00F944 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor