

Converting Colors

Hex(00FF64)

Have a look what the booklet for
Hex(00FF64) contains.

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Color

Hex(00FF64)

Conversions

Conversions Part 1

Format	Color
Hex	00FF64
RGB	0, 255, 100
RGB Percent	0%, 100%, 39%
CMY	1.0000, 0.0000, 0.6078
CMYK	1.00, 0.00, 0.61, 0.00
HSL	144°, 100%, 50%
HSV	144°, 100%, 100%
XYZ	38.0603, 72.4401, 24.0330
YIQ	161.0850, -102.2250, -102.2650

Conversions

Conversions Part 2

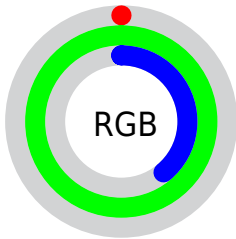
Format	Color
RYB	0, 183, 255
Decimal	65380
CIELab	88.18, -80.51, 58.75
CIELCh	88, 99.672, 143.881
Yxy	72.4401, 0.2829, 0.5385
Android (android.graphics.Color)	4278255460 (0xFF00FF64)
YUV	161.0850, -30.1149, -141.2715
Hunter-Lab	85.1118, -69.1240, 42.8365

Details

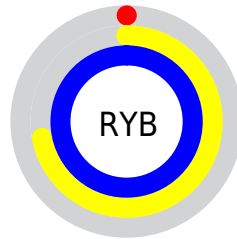
The Hex color **00FF64** is a dark color, and the websafe version is hex **00FF66**. The color can be described as dark saturated spring green. A complement of this color would be **FF009B**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **75FF9B**, and **00C42B** is the 20% darker color. If you saturate the color by 10%, you get **00FF64**, and if you desaturate by 10%, it is **19FF74**.

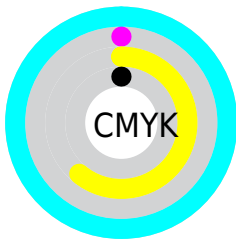
Distribution



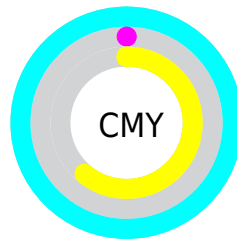
- Red (0%)
- Green (100%)
- Blue (39%)



- Red (0%)
- Yellow (72%)
- Blue (100%)



- Cyan (100%)
- Magenta (0%)
- Yellow (61%)
- Black (0%)




- Cyan (100%)
- Magenta (0%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00FF64 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 00FF64 by changing the saturation by 10% instead.

 00FF64

 00FF64

FFFFFF

 00E148

 75FF9B

 00C42B

 98FFB7

 00A800

 B9FFD4

 008C00

 D9FFF1

 007100

 FAFFFF

 005600

 003E00

 002300

 000000

 00FF64

 19FF74

 33FF83

 4DFF93

 66FFA2

 80FFB2

 99FFC1

 B3FFD1

 CCFFE0

 E6FFF0

Harmonies

Analogous

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



BFEF00



00FF64



00FFC6

Triad

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



00FF64



00EFFF



FF7F97

Complementary

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



00FF64



FF009B

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.



FF77F5



00FF64



AFCDFE

Square

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



00FF64



00FFFF



FF9EFF



FFAA3E

Rectangle

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



00FF64



00FFFF



FF9EFF



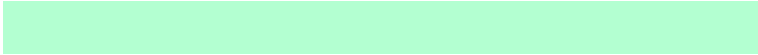
FF76B5

Sweetspot

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



00FF64



B3FFD1



9DFF00



528064



000000



808080

Same Dimension

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



00FF64



00FFE1



738078



00BF4B



004019

Inverse Universe

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



FF009B



FF001E



80737B



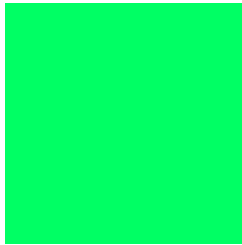
BF0074



400027

Previews

White Background



This preview shows how the Hex color 00FF64 looks on a white background.

Color Contrast Check

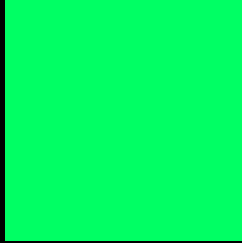
Large Text (above 18pt) WCAG AA × Fail

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 00FF64 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 00FF64 Background



This preview shows how black text looks on a background with the Hex color 00FF64.

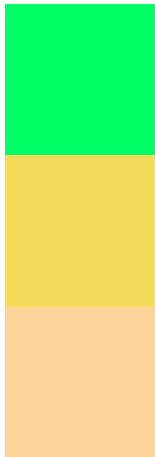


This preview shows how white text looks on a background with the Hex color 00FF64.

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](#).

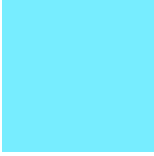
Dichromacy



Original Color
00FF64

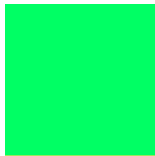
Protanopia
F4DB59

Deuteranopia
FFD49B



Tritanopia
77EDFF

Trichromacy



Original Color
00FF64



Protanomaly
9BE85D



Deuteranomaly
A2E487

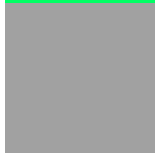


Tritanomaly
4CF4C7

Monochromacy



Original Color
00FF64



Achromatopsia
A1A1A1



Achromatomaly
66C38B

CSS Examples

Text

The CSS property to change the color of the text to Hex 00FF64 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 #00FF64 looks like.

```
.text, #text, p{  
    color:#00FF64  
}
```

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 #00FF64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00FF64
}
```

Border

The CSS property to change the border of an element to Hex 00FF64 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
#00FF64 }
```

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

```
.border{ border-color:#00FF64 }
```

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

Here you see how a box with a 4 pixel #00FF64 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00FF64; -webkit-box-shadow:4px 4px  
4px 4px #00FF64; box-shadow:4px 4px 4px  
4px #00FF64 }
```

Background

The CSS property to change the background color of an element to Hex 00FF64 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00FF64 }
```

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

```
.background{ background-color:#00FF64 }
```

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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