

Converting Colors

Hex(00F775)

Have a look what the booklet for
Hex(00F775) contains.

Hex(00F775)	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(00F775)

Conversions

Conversions Part 1

Format	Color
Hex	00F775
RGB	0, 247, 117
RGB Percent	0%, 97%, 46%
CMY	1.0000, 0.0314, 0.5412
CMYK	1.00, 0.00, 0.53, 0.03
HSL	148°, 100%, 48%
HSV	148°, 100%, 97%
XYZ	36.4717, 67.8059, 27.9952
YIQ	158.3270, -105.4820, -92.7940

Conversions

Conversions Part 2

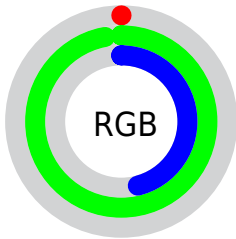
Format	Color
RYB	0, 168, 247
Decimal	63349
CIELab	85.91, -75.93, 48.53
CIELCh	86, 90.112, 147.415
Yxy	67.8059, 0.2757, 0.5126
Android (android.graphics.Color)	4278253429 (0xFF00F775)
YUV	158.3270, -20.3742, -138.8528
Hunter-Lab	82.3443, -65.0420, 37.4838

Details

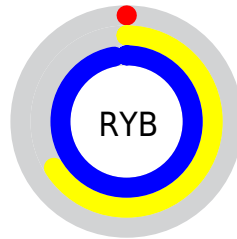
The Hex color **00F775** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark saturated spring green. A complement of this color would be **F70082**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **72FFAB**, and **00BD40** is the 20% darker color. If you saturate the color by 10%, you get **00F775**, and if you desaturate by 10%, it is **19F782**.

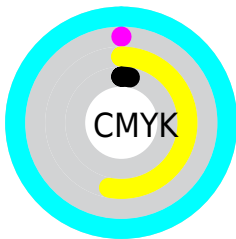
Distribution



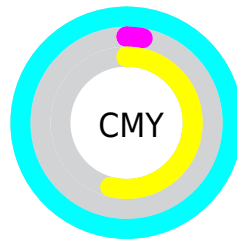
- Red (0%)
- Green (97%)
- Blue (46%)



- Red (0%)
- Yellow (66%)
- Blue (97%)



- Cyan (100%)
- Magenta (0%)
- Yellow (53%)
- Black (3%)



- Cyan (100%)
- Magenta (3%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00F775 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 00F775 by changing the saturation by 10% instead.

 00F775

FFFFFF

 72FFAB

 94FFC8

 B5FFE4

 D5FFFF

 F5FFFF

 00F775

 00DA5B

 00BD40

 00A125

 008501

 006A00

 005000

 003800

 001D00

 000000

 00F775

 19F782

 31F78F

 4AF79C

 63F7A9

 7CF7B6

 94F7C3

 ADF7D0

 C6F7DD

 DEF7EA

Harmonies

Analogous

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



B3E920



00F775



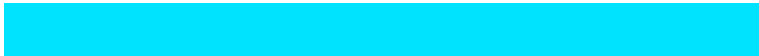
00FD00

Triad

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



00F775



00E3FF



FF8A8E

Complementary

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



00F775



F70082

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.



FF7FE2



00F775



C5C3FF

Square

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



00F775



00F6FF



FF9BFF



FFAE42

Rectangle

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



00F775



00FEFF



FF9BFF



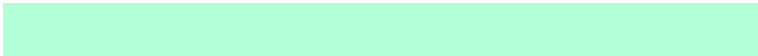
FF82A9

Sweetspot

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



00F775



B3FFD7



84F700



528067



000000



808080

Same Dimension

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



00F775



00FF79



00F7EF



6E7A74



00BA58



003B1C

Inverse Universe

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



F70082



FF0086



F70008



7A6E75



BA0062



3B001F

Previews

White Background



This preview shows how the Hex color 00F775 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 00F775 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 00F775 Background



This preview shows how black text looks on a background with the Hex color 00F775.

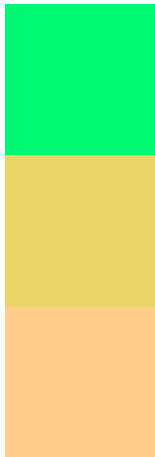


This preview shows how white text looks on a background with the Hex color 00F775.

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](#).

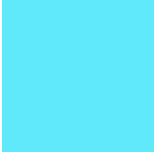
Dichromacy



Original Color
00F775

Protanopia
EBD56A

Deuteranopia
FFCC89



Tritanopia
60E9FB

Trichromacy



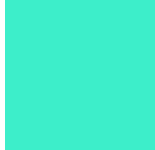
Original Color
00F775



Protanomaly
96E16E



Deuteranomaly
A2DC82



Tritanomaly
3DEECA

Monochromacy



Original Color
00F775



Achromatopsia
9E9E9E



Achromatomaly
65BE8F

CSS Examples

Text

The CSS property to change the color of the text to Hex 00F775 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 #00F775 looks like.

```
.text, #text, p{  
  color:#00F775  
}
```

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 #00F775 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00F775
}
```

Border

The CSS property to change the border of an element to Hex 00F775 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
#00F775 }
```

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

```
.border{ border-color:#00F775 }
```

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

Here you see how a box with a 4 pixel #00F775 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00F775; -webkit-box-shadow:4px 4px  
4px 4px #00F775; box-shadow:4px 4px 4px  
4px #00F775 }
```

Background

The CSS property to change the background color of an element to Hex 00F775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00F775 }
```

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

```
.background{ background-color:#00F775 }
```

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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