

Converting Colors

Hex(0FF075)

Have a look what the booklet for
Hex(0FF075) contains.

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Color

Hex(0FF075)

Conversions

Conversions Part 1

Format	Color
Hex	0FF075
RGB	15, 240, 117
RGB Percent	6%, 94%, 46%
CMY	0.9412, 0.0588, 0.5412
CMYK	0.94, 0.00, 0.51, 0.06
HSL	147°, 88%, 50%
HSV	147°, 94%, 94%
XYZ	34.5680, 63.7061, 27.3042
YIQ	158.7030, -94.6170, -85.9530

Conversions

Conversions Part 2

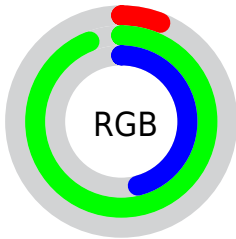
Format	Color
RYB	15, 170, 240
Decimal	1044597
CIELab	83.81, -73.32, 45.97
CIELCh	84, 86.543, 147.915
Yxy	63.7061, 0.2753, 0.5073
Android (android.graphics.Color)	4279234677 (0xFF0FF075)
YUV	158.7030, -20.5596, -126.0275
Hunter-Lab	79.8161, -62.3707, 35.5888

Details

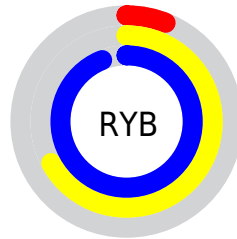
The Hex color **0FF075** is a dark color, and the websafe version is hex **00FF99**. The color can be described as dark saturated spring green. A complement of this color would be **F00F8A**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **72FFAB**, and **00B641** is the 20% darker color. If you saturate the color by 10%, you get **00F06D**, and if you desaturate by 10%, it is **27F082**.

Distribution



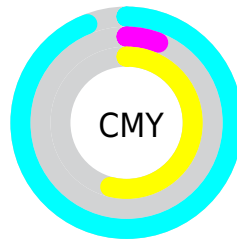
- Red (6%)
- Green (94%)
- Blue (46%)



- Red (6%)
- Yellow (67%)
- Blue (94%)



- Cyan (94%)
- Magenta (0%)
- Yellow (51%)
- Black (6%)



- Cyan (94%)
- Magenta (6%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0FF075 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 0FF075 by changing the saturation by 10% instead.

 0FF075

 0FF075

FFFFFF

 00D35B

 72FFAB

 00B641

 94FFC7

 009A26

 B4FFE4

 007F05

 D4FFFF

 006400

 F4FFFF

 004A00

 003200

 001600

 000000

 0FF075

 0FF075

 00F06D

 27F082

 3FF08F

 57F09C

 6FF0A9

 87F0B7

 9FF0C4

 B7F0D1

 CFF0DE

 E7F0EB

Harmonies

Analogous

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



ADE228



0FF075



00F6C9

Triad

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



0FF075



00DCFF



FF898A

Complementary

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



0FF075



F00F8A

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.



FF7EDA



0FF075



C4BEFF

Square

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



0FF075



00EFFF



FF98FF



FFAB42

Rectangle

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



0FF075



00F7FF



FF98FF



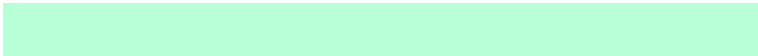
FF81A4

Sweetspot

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



0FF075



B8FFD8



8BF00F



548068



000000



808080

Same Dimension

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



0FF075



00FF74



0FF0E5



6C7871



00B853



003819

Inverse Universe

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



F00F8A



FF008B



F00F1A



786C72



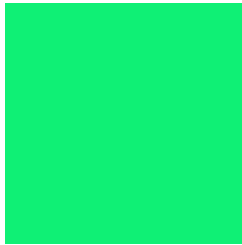
B80064



38001F

Previews

White Background



This preview shows how the Hex color 0FF075 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 0FF075 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 0FF075 Background



This preview shows how black text looks on a background with the Hex color 0FF075.

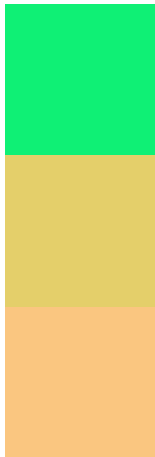


This preview shows how white text looks on a background with the Hex color 0FF075.

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](#).

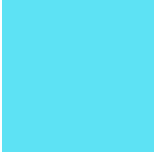
Dichromacy



Original Color
0FF075

Protanopia
E4CF6A

Deuteranopia
FAC680



Tritanopia
5DE2F4

Trichromacy



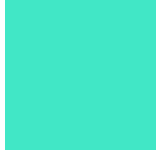
Original Color
0FF075



Protanomaly
97DB6E



Deuteranomaly
A5D57C



Tritanomaly
41E7C6

Monochromacy



Original Color
0FF075



Achromatopsia
9F9F9F



Achromatomaly
6BBC90

CSS Examples

Text

The CSS property to change the color of the text to Hex 0FF075 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 #0FF075 looks like.

```
.text, #text, p{  
    color:#0FF075  
}
```

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 #0FF075 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0FF075
}
```

Border

The CSS property to change the border of an element to Hex 0FF075 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
#0FF075 }
```

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

```
.border{ border-color:#0FF075 }
```

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

Here you see how a box with a 4 pixel #0FF075 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0FF075; -webkit-box-shadow:4px 4px  
4px 4px #0FF075; box-shadow:4px 4px 4px  
4px #0FF075 }
```

Background

The CSS property to change the background color of an element to Hex 0FF075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0FF075 }
```

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

```
.background{ background-color:#0FF075 }
```

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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