

Converting Colors

Hex(02F084)

Have a look what the booklet for
Hex(02F084) contains.

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Color

Hex(02F084)

Conversions

Conversions Part 1

Format	Color
Hex	02F084
RGB	2, 240, 132
RGB Percent	1%, 94%, 52%
CMY	0.9922, 0.0588, 0.4824
CMYK	0.99, 0.00, 0.45, 0.06
HSL	153°, 98%, 47%
HSV	153°, 99%, 94%
XYZ	35.3500, 63.9990, 32.3197
YIQ	156.5260, -107.1800, -84.0440

Conversions

Conversions Part 2

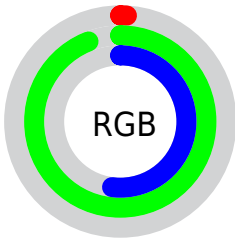
Format	Color
R_{YB}	2, 156, 240
Decimal	192644
CIE _{Lab}	83.97, -71.31, 38.94
CIE _{LCh}	84, 81.251, 151.363
Yxy	63.9990, 0.2685, 0.4861
Android (android.graphics.Color)	4278382724 (0xFF02F084)
YUV	156.5260, -12.0913, -135.5193
Hunter-Lab	79.9994, -61.1237, 32.0464

Details

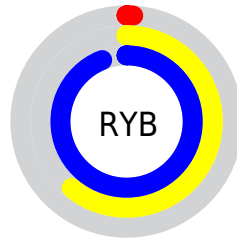
The Hex color **02F084** is a dark color, and the websafe version is hex **00FF99**. The color can be described as dark saturated spring green. A complement of this color would be **F0026E**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **70FFBA**, and **00B650** is the 20% darker color. If you saturate the color by 10%, you get **00F083**, and if you desaturate by 10%, it is **1AF08F**.

Distribution



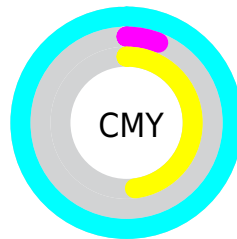
- Red (1%)
- Green (94%)
- Blue (52%)



- Red (1%)
- Yellow (61%)
- Blue (94%)



- Cyan (99%)
- Magenta (0%)
- Yellow (45%)
- Black (6%)



- Cyan (99%)
- Magenta (6%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 02F084 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 02F084 by changing the saturation by 10% instead.

 02F084

 02F084

FFFFFF

 00D36A

 70FFBA

 00B650

 92FFD6

 009A37

 B2FFF3

 007F1E

 D2FFFF

 006400

 F2FFFF

 004A00

 003200

 001600

 000000

 02F084

 02F084

 00F083

 1AF08F

 32F09A

 4AF0A5

 62F0B0

 7AF0BA

 92F0C5

 AAF0D0

 C2F0DB

 DAF0E6

Harmonies

Analogous

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



A7E440



02F084



00F5D3

Triad

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



02F084



00D9FF



FF9386

Complementary

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



02F084



F0026E

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.



FF86D1



02F084



D5BBFF

Square

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



02F084



00ECFF



FF99FF



FFB146

Rectangle

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



02F084



00F5FF



FF99FF



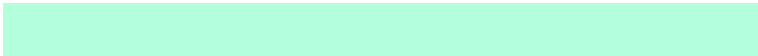
FF8B9E

Sweetspot

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



02F084



B3FFDC



71F002



52806B



000000



808080

Same Dimension

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



02F084



00FF8B



02E8F0



6C7872



00B864



00381F

Inverse Universe

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



F0026E



FF0074



F00A02



786C71



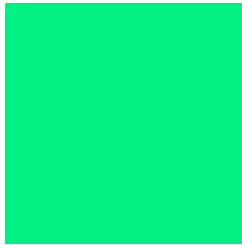
B80053



380019

Previews

White Background



This preview shows how the Hex color 02F084 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 02F084 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 02F084 Background



This preview shows how black text looks on a background with the Hex color 02F084.

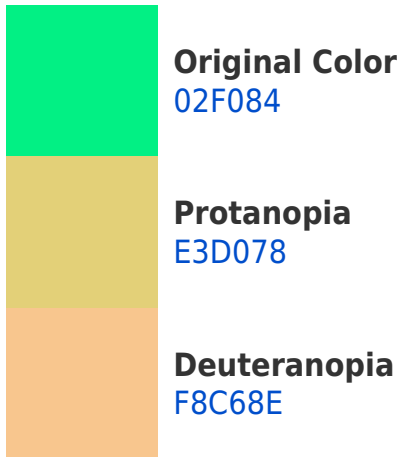


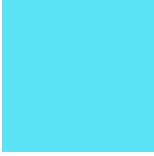
This preview shows how white text looks on a background with the Hex color 02F084.

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](#).

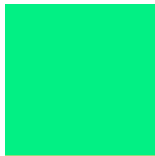
Dichromacy





Tritanopia
5AE3F5

Trichromacy



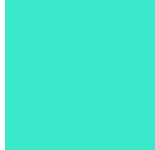
Original Color
02F084



Protanomaly
91DC7C



Deuteranomaly
9FD58A



Tritanomaly
3AE8CC

Monochromacy



Original Color
02F084



Achromatopsia
9D9D9D



Achromatomaly
65BB94

CSS Examples

Text

The CSS property to change the color of the text to Hex 02F084 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 #02F084 looks like.

```
.text, #text, p{  
    color:#02F084  
}
```

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 #02F084 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #02F084
}
```

Border

The CSS property to change the border of an element to Hex 02F084 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
#02F084 }
```

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

```
.border{ border-color:#02F084 }
```

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

Here you see how a box with a 4 pixel #02F084 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #02F084; -webkit-box-shadow:4px 4px  
4px 4px #02F084; box-shadow:4px 4px 4px  
4px #02F084 }
```

Background

The CSS property to change the background color of an element to Hex 02F084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#02F084 }
```

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

```
.background{ background-color:#02F084 }
```

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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