

Converting Colors

Hex(04F185)

Have a look what the booklet for
Hex(04F185) contains.

Hex(04F185)	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(04F185)

Conversions

Conversions Part 1

Format	Color
Hex	04F185
RGB	4, 241, 133
RGB Percent	2%, 95%, 52%
CMY	0.9843, 0.0549, 0.4784
CMYK	0.98, 0.00, 0.45, 0.05
HSL	153°, 97%, 48%
HSV	153°, 98%, 95%
XYZ	35.7390, 64.6299, 32.7815
YIQ	157.8250, -106.5840, -83.8320

Conversions

Conversions Part 2

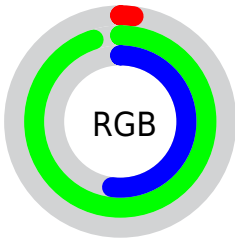
Format	Color
RYB	4, 157, 241
Decimal	323973
CIELab	84.29, -71.41, 38.87
CIELCh	84, 81.304, 151.438
Yxy	64.6299, 0.2684, 0.4854
Android (android.graphics.Color)	4278514053 (0xFF04F185)
YUV	157.8250, -12.2387, -134.9045
Hunter-Lab	80.3927, -61.3341, 32.0984

Details

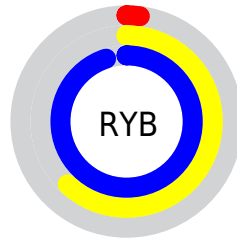
The Hex color **04F185** is a dark color, and the websafe version is hex **00FF99**. The color can be described as dark saturated spring green. A complement of this color would be **F10470**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **70FFBB**, and **00B751** is the 20% darker color. If you saturate the color by 10%, you get **00F183**, and if you desaturate by 10%, it is **1CF190**.

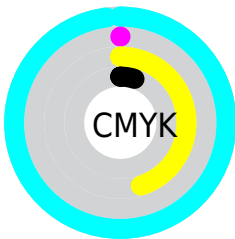
Distribution



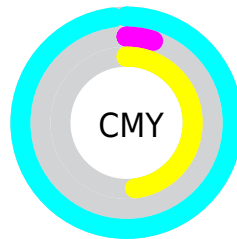
- Red (2%)
- Green (95%)
- Blue (52%)



- Red (2%)
- Yellow (62%)
- Blue (95%)



- Cyan (98%)
- Magenta (0%)
- Yellow (45%)
- Black (5%)



- Cyan (98%)
- Magenta (5%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 04F185 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 04F185 by changing the saturation by 10% instead.

 04F185

 04F185

FFFFFF

 00D46B

 70FFBB

 00B751

 92FFD7

 009B38

 B3FFF4

 00801F

 D3FFFF

 006501

 F3FFFF

 004B00

 003300

 001800

 000000

 04F185

 04F185

 00F183

 1CF190

 34F19B

 4CF1A6

 64F1B1

 7CF1BC

 95F1C7

 ADF1D2

 C5F1DD

 DDF1E8

Harmonies

Analogous

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



A8E541



04F185



00F6D4

Triad

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



04F185



00DAFF



FF9487

Complementary

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



04F185



F10470

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.



FF87D2



04F185



D7BCFF

Square

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



04F185



00EDFF



FF9AFF



FFB247

Rectangle

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



04F185



00F6FF



FF9AFF



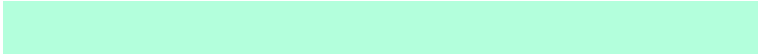
FF8C9F

Sweetspot

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



04F185



B3FFDC



73F104



52806B



000000



808080

Same Dimension

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



04F185



00FF8B



04E9F1



6C7872



00B864



00381F

Inverse Universe

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



F10470



FF0074



F10C04



786C71



B80054



38001A

Previews

White Background



This preview shows how the Hex color 04F185 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 04F185 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 04F185 Background



This preview shows how black text looks on a background with the Hex color 04F185.

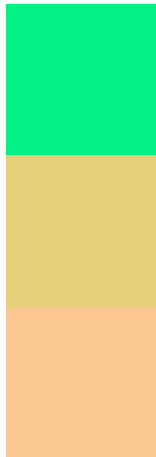


This preview shows how white text looks on a background with the Hex color 04F185.

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](#).

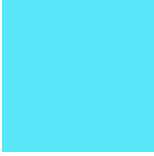
Dichromacy



Original Color
04F185

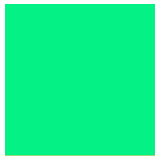
Protanopia
E4D079

Deuteranopia
F9C78F



Tritanopia
5AE4F7

Trichromacy



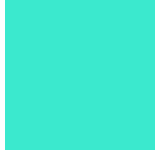
Original Color
04F185



Protanomaly
93DC7D



Deuteranomaly
A0D68B



Tritanomaly
3BE9CE

Monochromacy



Original Color
04F185



Achromatopsia
9E9E9E



Achromatomaly
66BC95

CSS Examples

Text

The CSS property to change the color of the text to Hex 04F185 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 #04F185 looks like.

```
.text, #text, p{  
    color:#04F185  
}
```

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 #04F185 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #04F185
}
```

Border

The CSS property to change the border of an element to Hex 04F185 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
#04F185 }
```

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

```
.border{ border-color:#04F185 }
```

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

Here you see how a box with a 4 pixel #04F185 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #04F185; -webkit-box-shadow:4px 4px  
4px 4px #04F185; box-shadow:4px 4px 4px  
4px #04F185 }
```

Background

The CSS property to change the background color of an element to Hex 04F185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#04F185 }
```

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

```
.background{ background-color:#04F185 }
```

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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