

Converting Colors

Hex(07F165)

Have a look what the booklet for
Hex(07F165) contains.

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Color

Hex(07F165)

Conversions

Conversions Part 1

Format	Color
Hex	07F165
RGB	7, 241, 101
RGB Percent	3%, 95%, 40%
CMY	0.9725, 0.0549, 0.6039
CMYK	0.97, 0.00, 0.58, 0.05
HSL	144°, 94%, 49%
HSV	144°, 97%, 95%
XYZ	33.8919, 63.8954, 22.8587
YIQ	155.0740, -94.5240, -93.1480

Conversions

Conversions Part 2

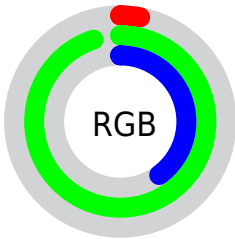
Format	Color
RYB	7, 174, 241
Decimal	520549
CIELab	83.91, -76.09, 53.39
CIELCh	84, 92.957, 144.943
Yxy	63.8954, 0.2809, 0.5296
Android (android.graphics.Color)	4278710629 (0xFF07F165)
YUV	155.0740, -26.6585, -129.8609
Hunter-Lab	79.9346, -64.2023, 38.9992

Details

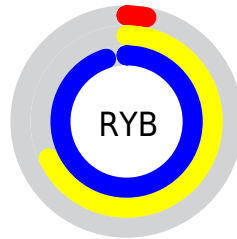
The Hex color **07F165** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark saturated spring green. A complement of this color would be **F10793**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **72FF9B**, and **00B72F** is the 20% darker color. If you saturate the color by 10%, you get **00F161**, and if you desaturate by 10%, it is **1FF173**.

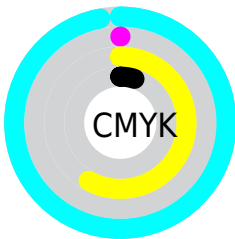
Distribution



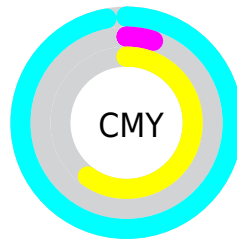
- Red (3%)
- Green (95%)
- Blue (40%)



- Red (3%)
- Yellow (68%)
- Blue (95%)



- Cyan (97%)
- Magenta (0%)
- Yellow (58%)
- Black (5%)



- Cyan (97%)
- Magenta (5%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 07F165 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 07F165 by changing the saturation by 10% instead.

 07F165

 07F165

FFFFFF

 00D44A

 72FF9B

 00B72F

 94FFB7

 009B0C

 B4FFD4

 008000

 D5FFF1

 006500

 F4FFFF

 004B00

 003200

 001600

 000000

■ 07F165

■ 07F165

■ 00F161

■ 1FF173

■ 37F182

■ 4FF190

■ 67F19F

■ 80F1AD

■ 98F1BC

■ B0F1CA

■ C8F1D8

■ E0F1E7

Harmonies

Analogous

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



B3E200



07F165



00F8BF

Triad

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



07F165



00E0FF



FF7D8D

Complementary

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



07F165



F10793

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.



FF75E4



07F165



AFC0FF

Square

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



07F165



00F2FF



FF96FF



FFA33C

Rectangle

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



07F165



00F9FC



FF96FF



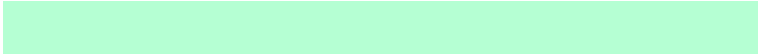
FF75A9

Sweetspot

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



07F165



B5FFD3



93F107



538065



000000



808080

Same Dimension

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



07F165



00FF66



07F1DA



6C7871



00B84A



003817

Inverse Universe

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



F10793



FF0099



F1071E



786C73



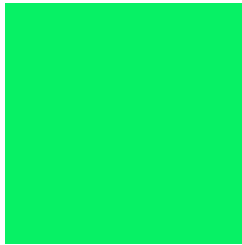
B8006E



380022

Previews

White Background



This preview shows how the Hex color 07F165 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 07F165 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 07F165 Background



This preview shows how black text looks on a background with the Hex color 07F165.

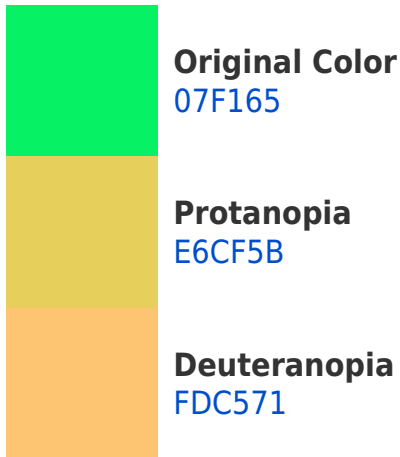


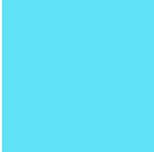
This preview shows how white text looks on a background with the Hex color 07F165.

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](#).

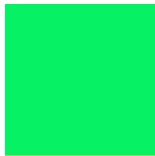
Dichromacy





Tritanopia
5FE2F5

Trichromacy



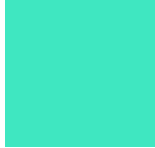
Original Color
07F165



Protanomaly
95DB5F



Deuteranomaly
A4D56D



Tritanomaly
3FE7C1

Monochromacy



Original Color
07F165



Achromatopsia
9B9B9B



Achromatomaly
65BA87

CSS Examples

Text

The CSS property to change the color of the text to Hex 07F165 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 #07F165 looks like.

```
.text, #text, p{  
    color:#07F165  
}
```

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 #07F165 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #07F165
}
```

Border

The CSS property to change the border of an element to Hex 07F165 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
#07F165 }
```

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

```
.border{ border-color:#07F165 }
```

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

Here you see how a box with a 4 pixel #07F165 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #07F165; -webkit-box-shadow:4px 4px  
4px 4px #07F165; box-shadow:4px 4px 4px  
4px #07F165 }
```

Background

The CSS property to change the background color of an element to Hex 07F165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#07F165 }
```

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

```
.background{ background-color:#07F165 }
```

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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