

Converting Colors

Hex(07F813)

Have a look what the booklet for
Hex(07F813) contains.

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Color

Hex(07F813)

Conversions

Conversions Part 1

Format	Color
Hex	07F813
RGB	7, 248, 19
RGB Percent	3%, 97%, 7%
CMY	0.9725, 0.0275, 0.9255
CMYK	0.97, 0.00, 0.92, 0.03
HSL	123°, 95%, 50%
HSV	123°, 97%, 97%
XYZ	33.7726, 67.2270, 11.8122
YIQ	149.8350, -70.1270, -122.3110

Conversions

Conversions Part 2

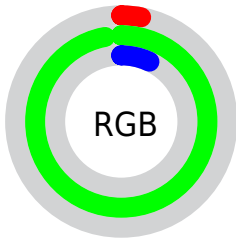
Format	Color
RYB	7, 237, 248
Decimal	522259
CIELab	85.62, -83.87, 79.82
CIELCh	86, 115.778, 136.417
Yxy	67.2270, 0.2994, 0.5959
Android (android.graphics.Color)	4278712339 (0xFF07F813)
YUV	149.8350, -64.5017, -125.2663
Hunter-Lab	81.9921, -69.9619, 48.8528

Details

The Hex color **07F813** is a dark color, and the websafe version is hex **33FF00**. The color can be described as dark saturated green. A complement of this color would be **F807EC**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **77FF60**, and **00BE00** is the 20% darker color. If you saturate the color by 10%, you get **00F80C**, and if you desaturate by 10%, it is **20F82B**.

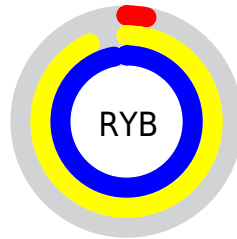
Distribution



Red (3%)

Green (97%)

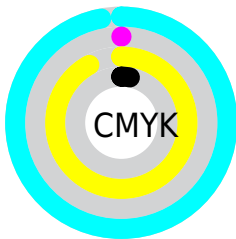
Blue (7%)



Red (3%)

Yellow (93%)

Blue (97%)

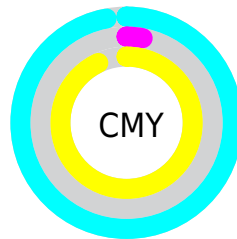


Cyan (97%)

Magenta (0%)

Yellow (92%)

Black (3%)



Cyan (97%)


Magenta (3%)


Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 07F813 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 07F813 by changing the saturation by 10% instead.

 07F813

 07F813

FFFFFF

 00DB00

 77FF60

 00BE00

 9AFF7E

 00A100

 BBFF9B

 008600

 DCFFB9

 006B00

 FDFFD7

 005000

 FFFFF5

 003700

 001C00

 000000

 07F813

 07F813

 00F80C

 20F82B

 39F842

 51F85A

 6AF871

 83F889

 9CF8A0

 B5F8B8

 CDF8D0

 E6F8E7

Harmonies

Analogous

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



CAE400



07F813



00FF9E

Triad

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



07F813



00F2FF



FF449F

Complementary

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



07F813



F807EC

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.



FF4FFF



07F813



00CFFF

Square

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



07F813



00FFFF



FF97FF



FF8731

Rectangle

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



07F813



00FFEC



FF97FF



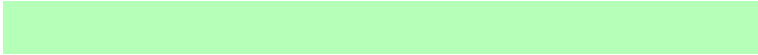
FF37C4

Sweetspot

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



07F813



B5FFB9



F0F807



538055



000000



808080

Same Dimension

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



07F813



00FF0D



07F888



707D71



00BD09



003D03

Inverse Universe

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



F807EC



FF00F2



F80777



7D707C



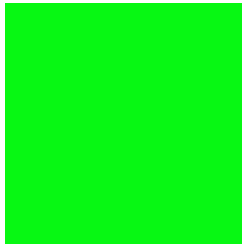
BD00B3



3D003A

Previews

White Background



This preview shows how the Hex color 07F813 looks on a white background.

Color Contrast Check

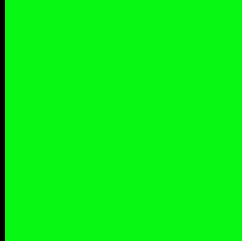
Large Text (above 18pt) WCAG AA × Fail

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 07F813 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

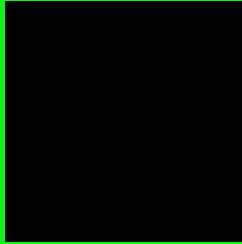
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

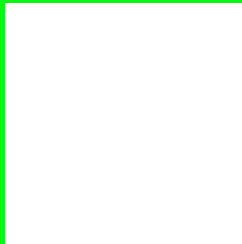
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 07F813 Background



This preview shows how black text looks on a background with the Hex color 07F813.



This preview shows how white text looks on a background with the Hex color 07F813.

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](#).

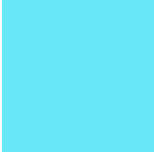
Dichromacy



Original Color
07F813

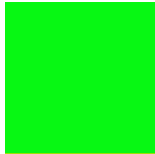
Protanopia
EFD400

Deuteranopia
FFCC75



Tritanopia
68E7F9

Trichromacy



Original Color
07F813



Protanomaly
9BE107

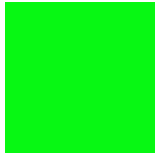


Deuteranomaly
A5DC51



Tritanomaly
45EDA5

Monochromacy



Original Color
07F813



Achromatopsia
969696



Achromatomaly
62BA66

CSS Examples

Text

The CSS property to change the color of the text to Hex 07F813 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 #07F813 looks like.

```
.text, #text, p{  
    color:#07F813  
}
```

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 #07F813 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #07F813
}
```

Border

The CSS property to change the border of an element to Hex 07F813 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
#07F813 }
```

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

```
.border{ border-color:#07F813 }
```

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

Here you see how a box with a 4 pixel #07F813 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #07F813; -webkit-box-shadow:4px 4px  
4px 4px #07F813; box-shadow:4px 4px 4px  
4px #07F813 }
```

Background

The CSS property to change the background color of an element to Hex 07F813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#07F813 }
```

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

```
.background{ background-color:#07F813 }
```

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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