

# Converting Colors

Hex(07F33A)

Have a look what the booklet for  
Hex(07F33A) contains.

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**Color**

**Hex(07F33A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	07F33A
RGB	7, 243, 58
RGB Percent	3%, 95%, 23%
CMY	0.9725, 0.0471, 0.7725
CMYK	0.97, 0.00, 0.76, 0.05
HSL	133°, 94%, 49%
HSV	133°, 97%, 95%
XYZ	32.9019, 64.4518, 14.7093
YIQ	151.3460, -81.2710, -107.5670

# Conversions

## Conversions Part 2

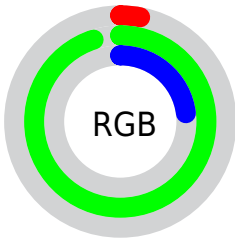
<b>Format</b>	<b>Color</b>
<b>RYB</b>	7, 201, 243
Decimal	521018
CIELab	84.20, -80.83, 70.14
CIELCh	84, 107.014, 139.050
Yxy	64.4518, 0.2936, 0.5751
Android (android.graphics.Color)	4278711098 (0xFF07F33A)
YUV	151.3460, -46.0196, -126.5914
Hunter-Lab	80.2819, -67.3387, 45.3342

# Details

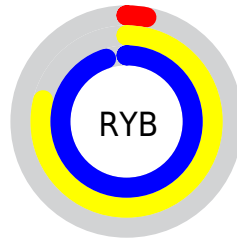
The Hex color **07F33A** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark saturated green. A complement of this color would be **F307C0**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **74FF75**, and **00B900** is the 20% darker color. If you saturate the color by 10%, you get **00F335**, and if you desaturate by 10%, it is **1FF34D**.

# Distribution



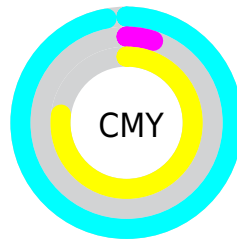
- Red (3%)
- Green (95%)
- Blue (23%)



- Red (3%)
- Yellow (79%)
- Blue (95%)



- Cyan (97%)
- Magenta (0%)
- Yellow (76%)
- Black (5%)



- Cyan (97%)
- Magenta (5%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 07F33A 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 07F33A by changing the saturation by 10% instead.



 07F33A

 07F33A

FFFFFF

 00D612

 74FF75

 00B900

 97FF92

 009D00

 B8FFAF

 008100

 D8FFCC

 006600

 F8FFE9

 004C00

 003300

 001700

 000000

 07F33A

 07F33A

 00F335

 1FF34D

 38F360

 50F373

 68F386

 80F399

 99F3AC

 B1F3BF

 C9F3D2

 E2F3E5

# Harmonies

## Analogous

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



C0E100



07F33A



00FCA8

# Triad

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



07F33A



00E9FF



FF5C97

# Complementary

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



07F33A



F307C0

# 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.



FF5DFC



07F33A



62C8FF

# Square

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



07F33A



00FAFF



FF94FF



FF9134

# Rectangle

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



07F33A



00FEEF



FF94FF



FF53B8

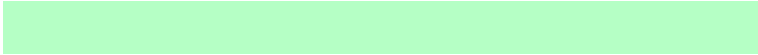


# Sweetspot

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



07F33A



B5FFC5



C4F307



53805D



000000



808080



# Same Dimension

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



07F33A



00FF37



07F3AC



6E7A71



00BA28



003B0D



# Inverse Universe

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



F307C0



FF00C8



F3074E



7A6E78



BA0092

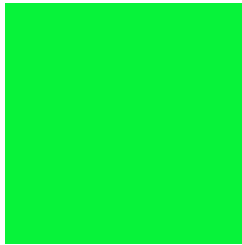


3B002E



# Previews

## White Background



This preview shows how the Hex color 07F33A 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 07F33A 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

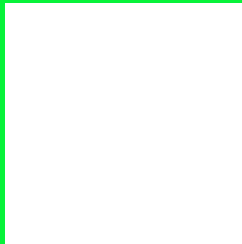
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 07F33A Background



This preview shows how black text looks on a background with the Hex color 07F33A.

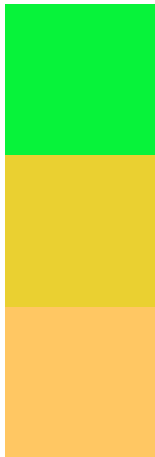


This preview shows how white text looks on a background with the Hex color 07F33A.

# 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](#).

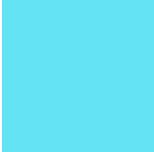
## Dichromacy



**Original Color**  
E67E22

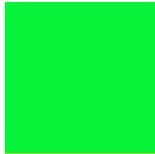
**Protanopia**  
F1C40F

**Deuteranopia**  
F39C12



**Tritanopia**  
64E3F5

# Trichromacy



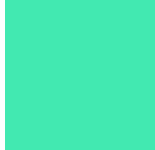
**Original Color**  
07F33A



**Protanomaly**  
97DD34



**Deuteranomaly**  
A5D754



**Tritanomaly**  
42E9B1

# Monochromacy



**Original Color**  
07F33A



**Achromatopsia**  
979797



**Achromatomaly**  
63B875

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 07F33A 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 #07F33A looks like.

```
.text, #text, p{  
    color:#07F33A  
}
```

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 #07F33A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #07F33A
}
```

## Border

The CSS property to change the border of an element to Hex 07F33A 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
#07F33A }
```

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

```
.border{ border-color:#07F33A }
```

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

Here you see how a box with a 4 pixel #07F33A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #07F33A; -webkit-box-shadow:4px 4px  
4px 4px #07F33A; box-shadow:4px 4px 4px  
4px #07F33A }
```

# Background

The CSS property to change the background color of an element to Hex 07F33A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#07F33A }
```

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

```
.background{ background-color:#07F33A }
```

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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