

Converting Colors

Hex(01F255)

Have a look what the booklet for
Hex(01F255) contains.

Hex(01F255)	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(01F255)

Conversions

Conversions Part 1

Format	Color
Hex	01F255
RGB	1, 242, 85
RGB Percent	0%, 95%, 33%
CMY	0.9961, 0.0510, 0.6667
CMYK	1.00, 0.00, 0.65, 0.05
HSL	141°, 99%, 48%
HSV	141°, 100%, 95%
XYZ	33.4043, 64.1666, 19.2191
YIQ	152.0430, -93.2390, -99.9190

Conversions

Conversions Part 2

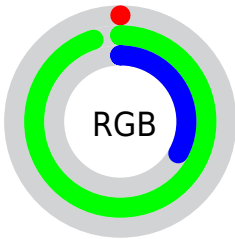
Format	Color
R_{YB}	1, 180, 242
Decimal	127573
CIE _{Lab}	84.05, -78.41, 60.31
CIE _{LCh}	84, 98.923, 142.432
Yxy	64.1666, 0.2860, 0.5494
Android (android.graphics.Color)	4278317653 (0xFF01F255)
YUV	152.0430, -33.0522, -132.4647
Hunter-Lab	80.1041, -65.7455, 41.8476

Details

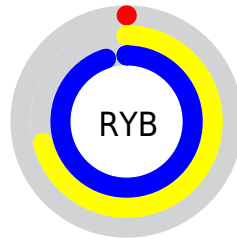
The Hex color **01F255** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark saturated green. A complement of this color would be **F2019E**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **72FF8C**, and **00B817** is the 20% darker color. If you saturate the color by 10%, you get **00F254**, and if you desaturate by 10%, it is **19F265**.

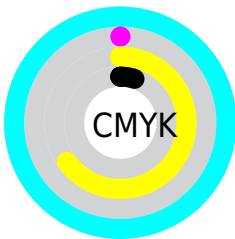
Distribution



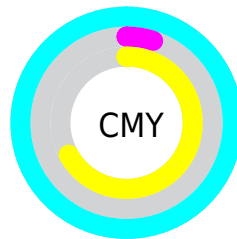
- Red (0%)
- Green (95%)
- Blue (33%)



- Red (0%)
- Yellow (71%)
- Blue (95%)



- Cyan (100%)
- Magenta (0%)
- Yellow (65%)
- Black (5%)




- Cyan (100%)
- Magenta (5%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 01F255 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 01F255 by changing the saturation by 10% instead.

 01F255

 01F255


FFFFFF

 00D539


 72FF8C

 00B817

 94FFA8

 009C00

 B5FFC5

 008000

 D5FFE2

 006600

 F5FFFF

 004B00

 003300

 001700

 000000

 01F255

 01F255

 00F254

 19F265

 31F275

 4AF284

 62F294

 7AF2A4

 92F2B4

 AAF2C3

 C3F2D3

 DBF2E3

Harmonies

Analogous

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



B8E200



01F255



00FAB6

Triad

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



01F255



00E4FF



FF7191

Complementary

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



01F255



F2019E

Split Complementary

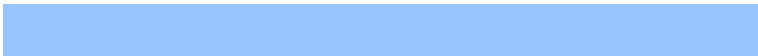
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF6BED



01F255



97C3FF

Square

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



01F255



00F5FF



FF95FF



FF9C38

Rectangle

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



01F255



00BF7



FF95FF



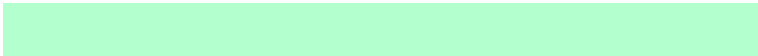
FF68AF

Sweetspot

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



01F255



B3FFCD



A2F201



528062



000000



808080

Same Dimension

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



01F255



00FF59



01F2CA



6C7870



00B840



003814

Inverse Universe

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



F2019E



FF00A6



F20129



786C74



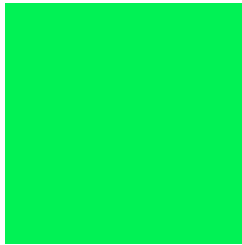
B80078



380025

Previews

White Background



This preview shows how the Hex color 01F255 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



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

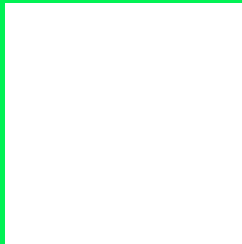
Any Text WCAG AAA ✓ Pass

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

Hex 01F255 Background



This preview shows how black text looks on a background with the Hex color 01F255.

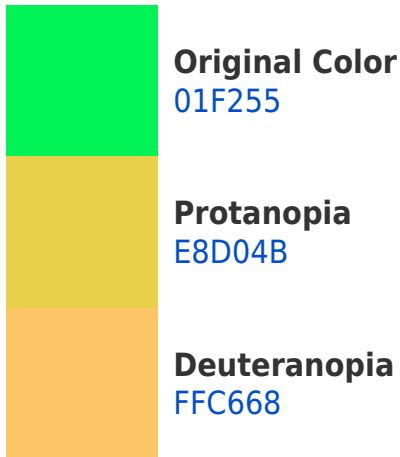


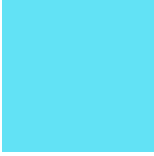
This preview shows how white text looks on a background with the Hex color 01F255.

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](#).

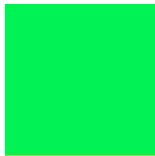
Dichromacy



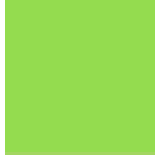


Tritanopia
62E2F5

Trichromacy



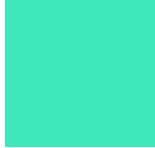
Original Color
01F255



Protanomaly
94DC4F



Deuteranomaly
A3D661



Tritanomaly
3FE8BB

Monochromacy



Original Color
01F255



Achromatopsia
989898



Achromatomaly
61B980

CSS Examples

Text

The CSS property to change the color of the text to Hex 01F255 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 #01F255 looks like.

```
.text, #text, p{  
    color:#01F255  
}
```

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 #01F255 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #01F255
}
```

Border

The CSS property to change the border of an element to Hex 01F255 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".

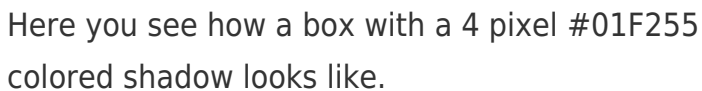
```
.border, #border, table{ border:4px solid
#01F255 }
```

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

```
.border{ border-color:#01F255 }
```

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

Here you see how a box with a 4 pixel #01F255 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #01F255; -webkit-box-shadow:4px 4px  
4px 4px #01F255; box-shadow:4px 4px 4px  
4px #01F255 }
```

Background

The CSS property to change the background color of an element to Hex 01F255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#01F255 }
```

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

```
.background{ background-color:#01F255 }
```

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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