

Converting Colors

Hex(05F657)

Have a look what the booklet for
Hex(05F657) contains.

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Color

Hex(05F657)

Conversions

Conversions Part 1

Format	Color
Hex	05F657
RGB	5, 246, 87
RGB Percent	2%, 96%, 34%
CMY	0.9804, 0.0353, 0.6588
CMYK	0.98, 0.00, 0.65, 0.04
HSL	140°, 96%, 49%
HSV	140°, 98%, 96%
XYZ	34.7387, 66.6319, 20.0472
YIQ	155.8150, -92.5970, -100.5410

Conversions

Conversions Part 2

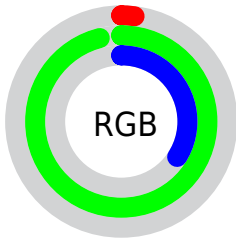
Format	Color
RYB	5, 185, 246
Decimal	390743
CIELab	85.32, -79.23, 60.91
CIELCh	85, 99.932, 142.448
Yxy	66.6319, 0.2861, 0.5488
Android (android.graphics.Color)	4278580823 (0xFF05F657)
YUV	155.8150, -33.9258, -132.2648
Hunter-Lab	81.6284, -66.8853, 42.5788

Details

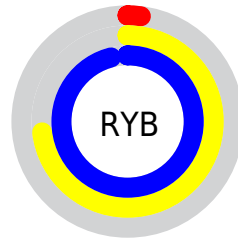
The Hex color **05F657** is a dark color, and the websafe version is hex **00FF66**. The color can be described as dark saturated green. A complement of this color would be **F605A4**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **73FF8E**, and **00BC19** is the 20% darker color. If you saturate the color by 10%, you get **00F654**, and if you desaturate by 10%, it is **1EF667**.

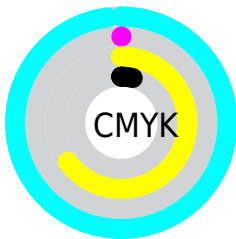
Distribution



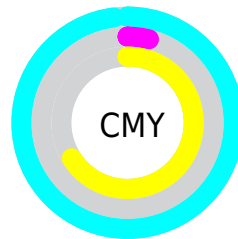
- Red (2%)
- Green (96%)
- Blue (34%)



- Red (2%)
- Yellow (73%)
- Blue (96%)



- Cyan (98%)
- Magenta (0%)
- Yellow (65%)
- Black (4%)



- Cyan (98%)
- Magenta (4%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 05F657 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 05F657 by changing the saturation by 10% instead.

 05F657

 05F657

FFFFFF

 00D93B

 73FF8E

 00BC19

 96FFAB

 00A000

 B7FFC7

 008400

 D7FFE4

 006900

 F7FFFF

 004F00

 003600

 001B00

 000000

 05F657

 05F657

 00F654

 1EF667

 36F677

 4FF688

 67F698

 80F6A8

 99F6B8

 B1F6C9

 CAF6D9

 E2F6E9

Harmonies

Analogous

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



BBE500



05F657



00FEB9

Triad

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



05F657



00E8FF



FF7493

Complementary

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



05F657



F605A4

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.



FF6DF1



05F657



9AC7FF

Square

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



05F657



00F9FF



FF98FF



FF9F39

Rectangle

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



05F657



00FFFB



FF98FF



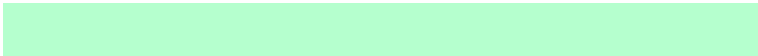
FF6BB2

Sweetspot

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



05F657



B5FFCE



A6F605



538062



000000



808080

Same Dimension

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



05F657



00FF57



05F6CE



6E7A72



00BA3F



003B14

Inverse Universe

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



F605A4



FF00A8



F6052D



7A6E76



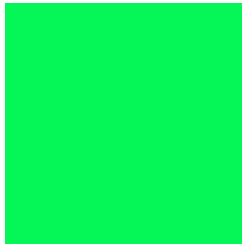
BA007B



3B0027

Previews

White Background



This preview shows how the Hex color 05F657 looks on a white background.

Color Contrast Check

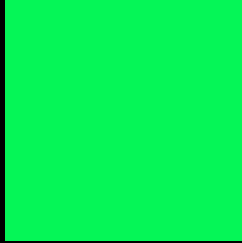
Large Text (above 18pt) WCAG AA × Fail

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 05F657 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 05F657 Background



This preview shows how black text looks on a background with the Hex color 05F657.

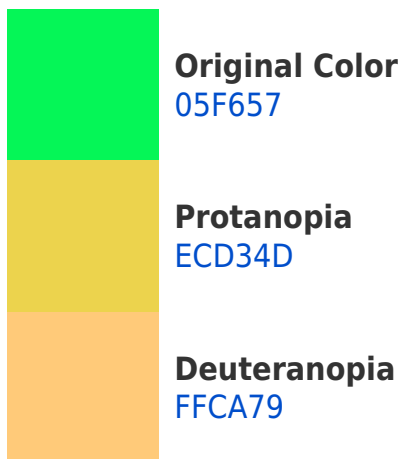


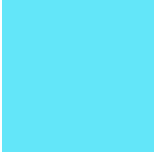
This preview shows how white text looks on a background with the Hex color 05F657.

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](#).

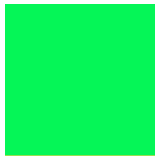
Dichromacy





Tritanopia
63E6F9

Trichromacy



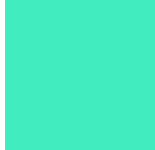
Original Color
05F657



Protanomaly
98E051



Deuteranomaly
A4DA6D



Tritanomaly
41ECBE

Monochromacy



Original Color
05F657



Achromatopsia
9C9C9C



Achromatomaly
65BD83

CSS Examples

Text

The CSS property to change the color of the text to Hex 05F657 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 #05F657 looks like.

```
.text, #text, p{  
    color:#05F657  
}
```

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 #05F657 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #05F657
}
```

Border

The CSS property to change the border of an element to Hex 05F657 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".

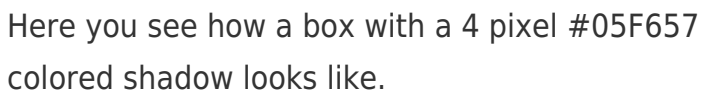
```
.border, #border, table{ border:4px solid
#05F657 }
```

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

```
.border{ border-color:#05F657 }
```

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

Here you see how a box with a 4 pixel #05F657 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #05F657; -webkit-box-shadow:4px 4px  
4px 4px #05F657; box-shadow:4px 4px 4px  
4px #05F657 }
```

Background

The CSS property to change the background color of an element to Hex 05F657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#05F657 }
```

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

```
.background{ background-color:#05F657 }
```

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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