

Converting Colors

Hex(05FC32)

Have a look what the booklet for
Hex(05FC32) contains.

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Color

Hex(05FC32)

Conversions

Conversions Part 1

Format	Color
Hex	05FC32
RGB	5, 252, 50
RGB Percent	2%, 99%, 20%
CMY	0.9804, 0.0118, 0.8039
CMYK	0.98, 0.00, 0.80, 0.01
HSL	131°, 98%, 50%
HSV	131°, 98%, 99%
XYZ	35.4487, 69.8834, 14.6381
YIQ	155.1190, -82.3700, -115.1860

Conversions

Conversions Part 2

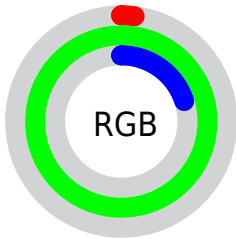
Format	Color
RYB	5, 214, 252
Decimal	392242
CIELab	86.94, -83.80, 75.03
CIELCh	87, 112.477, 138.161
Yxy	69.8834, 0.2955, 0.5825
Android (android.graphics.Color)	4278582322 (0xFF05FC32)
YUV	155.1190, -51.8237, -131.6544
Hunter-Lab	83.5963, -70.6012, 48.1354

Details

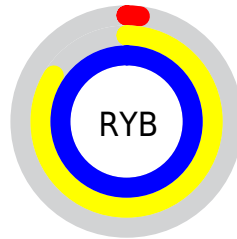
The Hex color **05FC32** is a dark color, and the websafe version is hex **00FF33**. The color can be described as dark saturated green. A complement of this color would be **FC05CF**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **77FF71**, and **00C100** is the 20% darker color. If you saturate the color by 10%, you get **00FC2E**, and if you desaturate by 10%, it is **1EFC47**.

Distribution



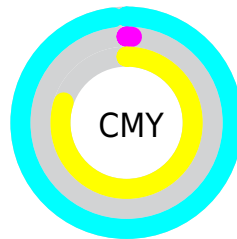
- Red (2%)
- Green (99%)
- Blue (20%)



- Red (2%)
- Yellow (84%)
- Blue (99%)



- Cyan (98%)
- Magenta (0%)
- Yellow (80%)
- Black (1%)



- Cyan (98%)
- Magenta (1%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 05FC32 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 05FC32 by changing the saturation by 10% instead.

 05FC32

 05FC32

FFFFFF

 00DE00


 77FF71

 00C100

 9AFF8E

 00A500

 BBFFAB

 008900

 DCFFC8

 006E00

 FDFFE6

 005300

 003A00

 002000

 000000

 05FC32

 05FC32

 00FC2E

 1EFC47

 37FC5B

 51FC70

 6AFC84

 83FC99

 9CFCAE

 B5FCC2

 CFFCD7

 E8FCEB

Harmonies

Analogous

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



C9E800



05FC32



00FFAA

Triad

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



05FC32



00F3FF



FF589E

Complementary

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



05FC32



FC05CF

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.



FF5BFF



05FC32



4BD0FF

Square

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



05FC32



00FFFF



FF99FF



FF9234

Rectangle

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



05FC32



00FFF5



FF99FF



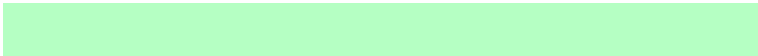
FF4DC1

Sweetspot

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



05FC32



B5FFC3



D3FC05



53805B



000000



808080

Same Dimension

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



05FC32



00FF2E



05FCAA



707D73



00BD22



003D0B

Inverse Universe

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



FC05CF



FF00D1



FC0557



7D707B



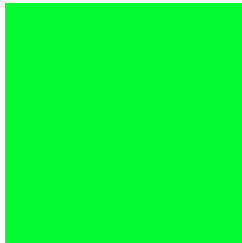
BD009A



3D0032

Previews

White Background



This preview shows how the Hex color 05FC32 looks on a white background.

Color Contrast Check

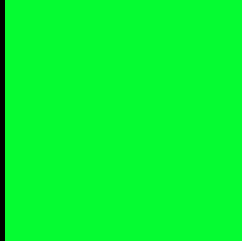
Large Text (above 18pt) WCAG AA × Fail

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 05FC32 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

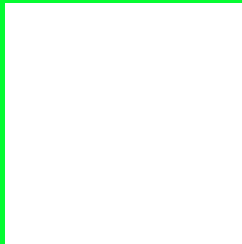
Any Text WCAG AAA ✓ Pass

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

Hex 05FC32 Background



This preview shows how black text looks on a background with the Hex color 05FC32.

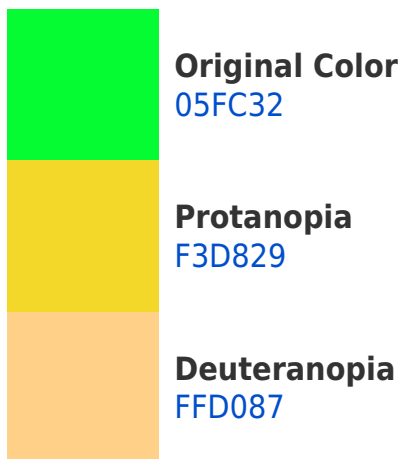


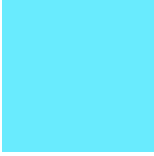
This preview shows how white text looks on a background with the Hex color 05FC32.

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](#).

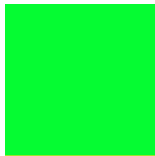
Dichromacy





Tritanopia
69EBFE

Trichromacy



Original Color
05FC32



Protanomaly
9CE52C

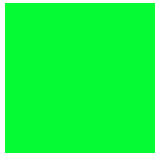


Deuteranomaly
A4E068



Tritanomaly
45F1B4

Monochromacy



Original Color
05FC32



Achromatopsia
9B9B9B



Achromatomaly
64BE75

CSS Examples

Text

The CSS property to change the color of the text to Hex 05FC32 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 #05FC32 looks like.

```
.text, #text, p{  
    color:#05FC32  
}
```

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 #05FC32 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #05FC32
}
```

Border

The CSS property to change the border of an element to Hex 05FC32 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
#05FC32 }
```

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

```
.border{ border-color:#05FC32 }
```

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

Here you see how a box with a 4 pixel #05FC32 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #05FC32; -webkit-box-shadow:4px 4px  
4px 4px #05FC32; box-shadow:4px 4px 4px  
4px #05FC32 }
```

Background

The CSS property to change the background color of an element to Hex 05FC32 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#05FC32 }
```

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

```
.background{ background-color:#05FC32 }
```

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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