

Converting Colors

Hex(86FD05)

Have a look what the booklet for
Hex(86FD05) contains.

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Color

Hex(86FD05)

Conversions

Conversions Part 1

Format	Color
Hex	86FD05
RGB	134, 253, 5
RGB Percent	53%, 99%, 2%
CMY	0.4745, 0.0078, 0.9804
CMYK	0.47, 0.00, 0.98, 0.01
HSL	89°, 98%, 51%
HSV	89°, 98%, 99%
XYZ	44.9842, 75.3298, 12.3128
YIQ	189.1470, 8.6840, -102.3560

Conversions

Conversions Part 2

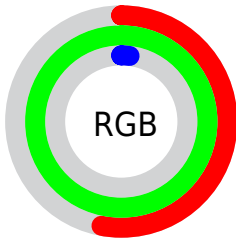
Format	Color
RYB	5, 253, 124
Decimal	8846597
CIELab	89.55, -65.29, 85.26
CIELCh	90, 107.391, 127.444
Yxy	75.3298, 0.3392, 0.5680
Android (android.graphics.Color)	4287036677 (0xFF86FD05)
YUV	189.1470, -90.7845, -48.3639
Hunter-Lab	86.7928, -59.3718, 52.3438

Details

The Hex color **86FD05** is a dark color, and the websafe version is hex **99FF00**. The color can be described as dark saturated chartreuse. A complement of this color would be **7C05FD**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **C4FF5E**, and **43C300** is the 20% darker color. If you saturate the color by 10%, you get **84FD00**, and if you desaturate by 10%, it is **92FD1E**.

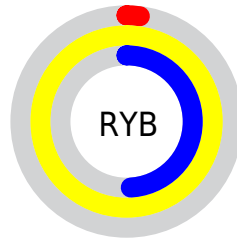
Distribution



Red (53%)

Green (99%)

Blue (2%)



Red (2%)

Yellow (99%)

Blue (49%)

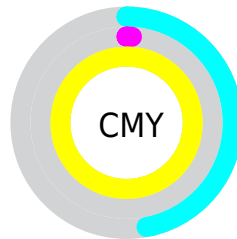


Cyan (47%)

Magenta (0%)

Yellow (98%)

Black (1%)



Cyan (47%)

Magenta (1%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86FD05 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 86FD05 by changing the saturation by 10% instead.

 86FD05

 86FD05

FFFFFF

 66E000

 C4FF5E

 43C300

 E3FF7D

 0DA700

 FFFF9B

 008C00

 FFFFB9

 007200

 FFFFD7

 005800

 FFFFF5

 003F00

 002700

 000000

 86FD05

 86FD05

 84FD00

 92FD1E

 9EFD38

 AAFD51

 B7FD6A

 C3FD84

 CFFD9D

 DBFDB6

 E7FDCF

 F3FDE9

Harmonies

Analogous

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



F7E500



86FD05



00FF8D

Triad

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



86FD05



00FFFF



FF67CC

Complementary

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



86FD05



7C05FD

Split Complementary

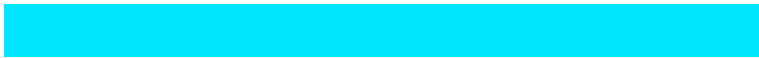
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF82FF



86FD05



00E6FF

Square

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



86FD05



00FFFF



FFB9FF



FF8C69

Rectangle

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



86FD05



00FFD5



FFB9FF



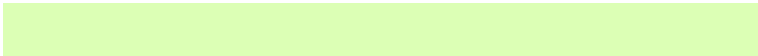
FF69EE

Sweetspot

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



86FD05



DCFFB5



FD7905



6A8053



000000



808080

Same Dimension

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



86FD05



85FF00



0DFD05



798073



63BF00



214000

Inverse Universe

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



7C05FD



7A00FF



F505FD



797380



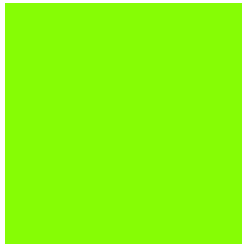
5C00BF



1F0040

Previews

White Background



This preview shows how the Hex color 86FD05 looks on a white background.

Color Contrast Check

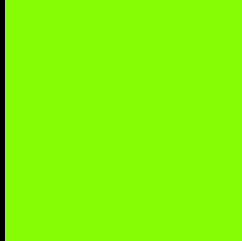
Large Text (above 18pt) WCAG AA × Fail

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 86FD05 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

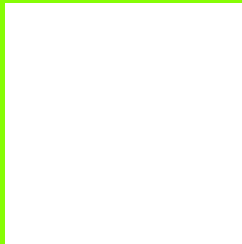
Any Text WCAG AAA ✓ Pass

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

Hex 86FD05 Background



This preview shows how black text looks on a background with the Hex color 86FD05.

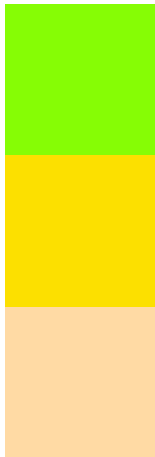


This preview shows how white text looks on a background with the Hex color 86FD05.

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](#).

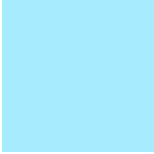
Dichromacy



Original Color
86FD05

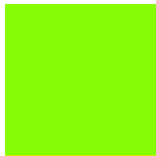
Protanopia
FCE000

Deuteranopia
FFDAA4



Tritanopia
A6EBFE

Trichromacy



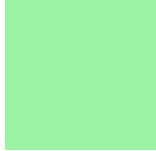
Original Color
86FD05



Protanomaly
D1EB02

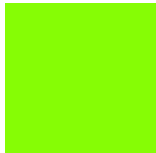


Deuteranomaly
D3E76A

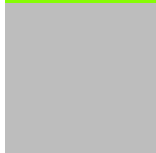


Tritanomaly
9AF2A3

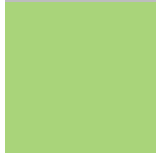
Monochromacy



Original Color
86FD05



Achromatopsia
BDBDBD



Achromatomaly
A9D47A

CSS Examples

Text

The CSS property to change the color of the text to Hex 86FD05 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 #86FD05 looks like.

```
.text, #text, p{  
    color:#86FD05  
}
```

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 #86FD05 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86FD05
}
```

Border

The CSS property to change the border of an element to Hex 86FD05 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
#86FD05 }
```

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

```
.border{ border-color:#86FD05 }
```

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

Here you see how a box with a 4 pixel #86FD05 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86FD05; -webkit-box-shadow:4px 4px  
4px 4px #86FD05; box-shadow:4px 4px 4px  
4px #86FD05 }
```

Background

The CSS property to change the background color of an element to Hex 86FD05 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86FD05 }
```

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

```
.background{ background-color:#86FD05 }
```

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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