

# Converting Colors

Hex(7DFF05)

Have a look what the booklet for  
Hex(7DFF05) contains.

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**Color**

**Hex(7DFF05)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7DFF05
RGB	125, 255, 5
RGB Percent	49%, 100%, 2%
CMY	0.5098, 0.0000, 0.9804
CMYK	0.51, 0.00, 0.98, 0.00
HSL	91°, 100%, 51%
HSV	91°, 98%, 100%
XYZ	44.2448, 75.8909, 12.4601
YIQ	187.6300, 2.7700, -105.3100

# Conversions

## Conversions Part 2

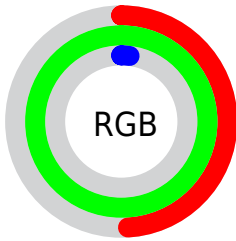
<b>Format</b>	<b>Color</b>
<b>RYB</b>	5, 255, 135
Decimal	8257285
CIELab	89.81, -68.57, 85.33
CIELCh	90, 109.464, 128.784
Yxy	75.8909, 0.3337, 0.5723
Android (android.graphics.Color)	4286447365 (0xFF7DFF05)
YUV	187.6300, -90.0366, -54.9265
Hunter-Lab	87.1154, -61.7940, 52.5006

# Details

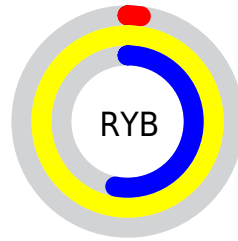
The Hex color **7DFF05** is a dark color, and the websafe version is hex **66FF00**. The color can be described as dark saturated chartreuse. A complement of this color would be **8705FF**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **BCFF5E**, and **35C500** is the 20% darker color. If you saturate the color by 10%, you get **7AFF00**, and if you desaturate by 10%, it is **8AFF1F**.

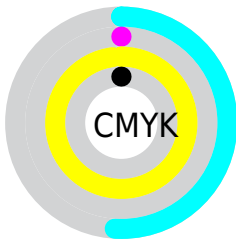
# Distribution



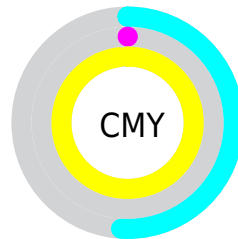
- Red (49%)
- Green (100%)
- Blue (2%)



- Red (2%)
- Yellow (100%)
- Blue (53%)



- Cyan (51%)
- Magenta (0%)
- Yellow (98%)
- Black (0%)



- Cyan (51%)
- Magenta (0%)
- Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7DFF05 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 7DFF05 by changing the saturation by 10% instead.



 7DFF05

 7DFF05

FFFFFF

 5CE200

 BCFF5E

 35C500

 DBFF7D

 00A900

 FBFF9B

 008E00

 FFFF9B

 007300

 FFFFD7

 005900

 FFFFF5

 004000

 002700

 000000

 7DFF05

 7DFF05

 7AFF00

 8AFF1F

 98FF38

 A5FF52

 B2FF6B

 BFFF85

 CDFF9E

 DAFFB8

 E7FFD1

 F4FFEB

# Harmonies

## Analogous

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



F3E700



7DFF05



00FF91

# Triad

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



7DFF05



00FFFF



FF63C8

# Complementary

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



7DFF05



8705FF

# 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.



FF7DFF



7DFF05



00E5FF

# Square

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



7DFF05



00FFFF



FFB6FF



FF8C63

# Rectangle

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



7DFF05



00FFDA



FFB6FF



FF64EB

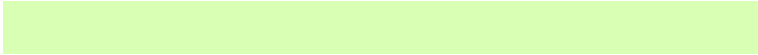


# Sweetspot

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



7DFF05



D9FFB5



FF8605



688053



000000



808080



# Same Dimension

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



7DFF05



7AFF00



05FF09



798073



5CBF00



1F4000



# Inverse Universe

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



8705FF



8500FF



FF05FB



797380



6300BF

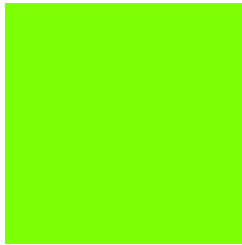


210040



# Previews

## White Background



This preview shows how the Hex color 7DFF05 looks on a white background.

## Color Contrast Check

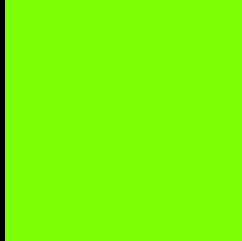
Large Text (above 18pt) WCAG AA × Fail

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 7DFF05 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

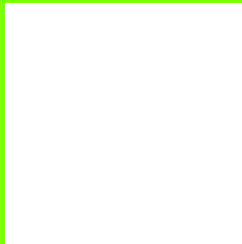
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7DFF05 Background



This preview shows how black text looks on a background with the Hex color 7DFF05.

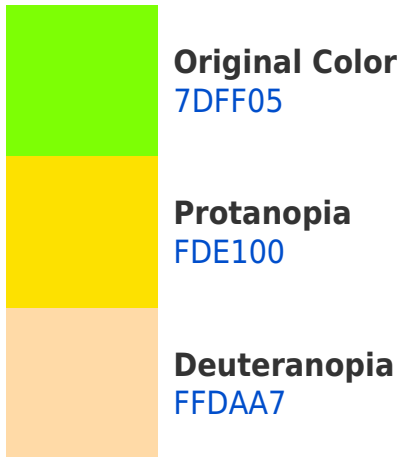


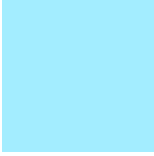
This preview shows how white text looks on a background with the Hex color 7DFF05.

# 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](#).

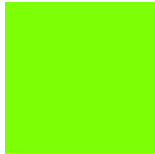
## Dichromacy





**Tritanopia**  
A3EDFF

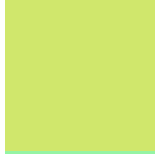
# Trichromacy



**Original Color**  
7DFF05



**Protanomaly**  
CEEC02

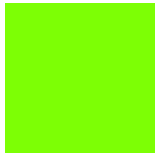


**Deuteranomaly**  
D0E76C

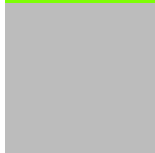


**Tritanomaly**  
95F4A4

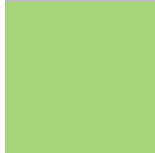
# Monochromacy



**Original Color**  
7DFF05



**Achromatopsia**  
BCBCBC



**Achromatomaly**  
A5D479

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7DFF05 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 #7DFF05 looks like.

```
.text, #text, p{  
    color:#7DFF05  
}
```

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 #7DFF05 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7DFF05
}
```

## Border

The CSS property to change the border of an element to Hex 7DFF05 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
#7DFF05 }
```

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

```
.border{ border-color:#7DFF05 }
```

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

Here you see how a box with a 4 pixel #7DFF05 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7DFF05; -webkit-box-shadow:4px 4px  
4px 4px #7DFF05; box-shadow:4px 4px 4px  
4px #7DFF05 }
```

# Background

The CSS property to change the background color of an element to Hex 7DFF05 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7DFF05 }
```

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

```
.background{ background-color:#7DFF05 }
```

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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