

Converting Colors

Hex(75FF06)

Have a look what the booklet for
Hex(75FF06) contains.

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Color

Hex(75FF06)

Conversions

Conversions Part 1

Format	Color
Hex	75FF06
RGB	117, 255, 6
RGB Percent	46%, 100%, 2%
CMY	0.5412, 0.0000, 0.9765
CMYK	0.54, 0.00, 0.98, 0.00
HSL	93°, 100%, 51%
HSV	93°, 98%, 100%
XYZ	43.1290, 75.3151, 12.4364
YIQ	185.3520, -2.3190, -106.6950

Conversions

Conversions Part 2

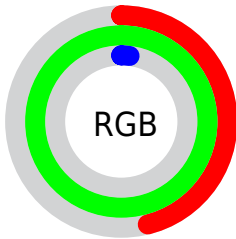
Format	Color
RYB	6, 255, 144
Decimal	7732998
CIELab	89.54, -70.70, 84.93
CIELCh	90, 110.502, 129.774
Yxy	75.3151, 0.3295, 0.5754
Android (android.graphics.Color)	4285923078 (0xFF75FF06)
YUV	185.3520, -88.4205, -59.9447
Hunter-Lab	86.7842, -63.1637, 52.2526

Details

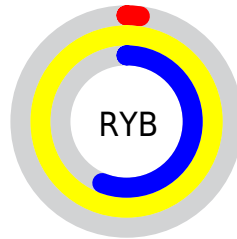
The Hex color **75FF06** is a dark color, and the websafe version is hex **66FF00**. The color can be described as dark saturated chartreuse. A complement of this color would be **9006FF**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **B5FF5E**, and **26C500** is the 20% darker color. If you saturate the color by 10%, you get **72FF00**, and if you desaturate by 10%, it is **83FF20**.

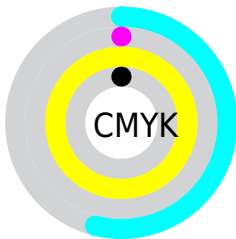
Distribution



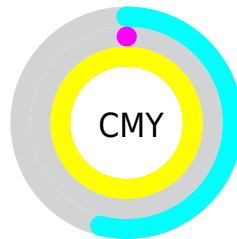
- Red (46%)
- Green (100%)
- Blue (2%)



- Red (2%)
- Yellow (100%)
- Blue (56%)



- Cyan (54%)
- Magenta (0%)
- Yellow (98%)
- Black (0%)



- Cyan (54%)
- Magenta (0%)
- Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 75FF06 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 75FF06 by changing the saturation by 10% instead.

 75FF06

 75FF06

FFFFFF

 52E200

 B5FF5E

 26C500

 D4FF7D

 00A900

 F4FF9B

 008D00

 FFFFB9

 007300

 FFFFD7

 005900

 FFFFF5

 004000

 002700

 000000

 75FF06

 75FF06

 72FF00

 83FF20

 91FF39

 9FFF53

 AEFF6C

 BCFF86

 CAFF9F

 D8FFB9

 E6FFD2

 F4FFEC

Harmonies

Analogous

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



EFE800



75FF06



00FF93

Triad

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



75FF06



00FFFF



FF60C3

Complementary

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



75FF06



9006FF

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.



FF78FF



75FF06



00E3FF

Square

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



75FF06



00FFFF



FFB3FF



FF8C5E

Rectangle

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



75FF06



00FFDD



FFB3FF



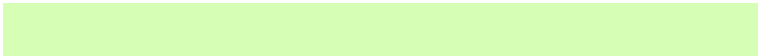
FF5FE7

Sweetspot

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



75FF06



D6FFB5



FF8F06



678053



000000



808080

Same Dimension

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



75FF06



72FF00



06FF12



788073



55BF00



1C4000

Inverse Universe

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



9006FF



8D00FF



FF06F3



7A7380



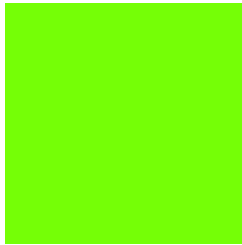
6A00BF



230040

Previews

White Background



This preview shows how the Hex color 75FF06 looks on a white background.

Color Contrast Check

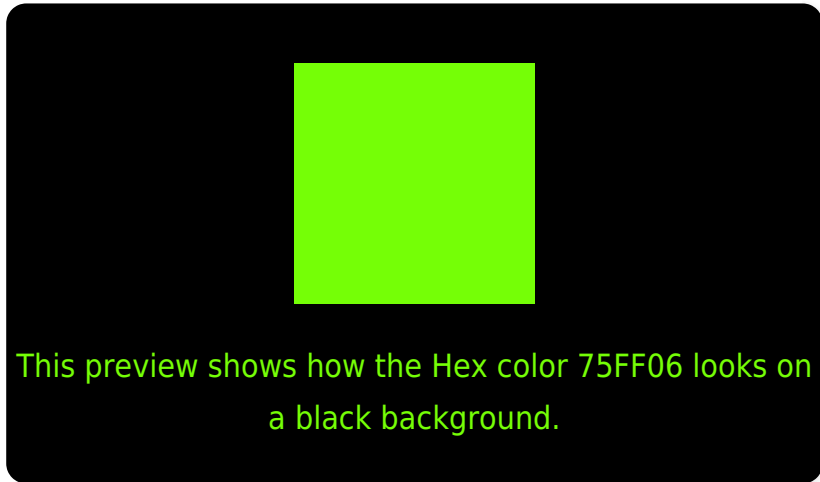
Large Text (above 18pt) WCAG AA × Fail

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

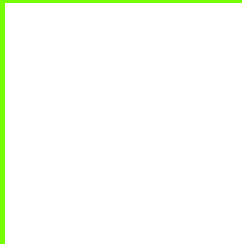
Any Text WCAG AAA ✓ Pass

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

Hex 75FF06 Background



This preview shows how black text looks on a background with the Hex color 75FF06.



This preview shows how white text looks on a background with the Hex color 75FF06.

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](#).

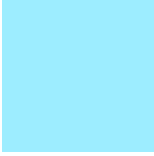
Dichromacy



Original Color
75FF06

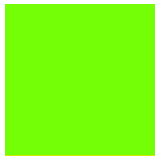
Protanopia
FCE000

Deuteranopia
FFD9A4



Tritanopia
9DEDFE

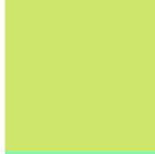
Trichromacy



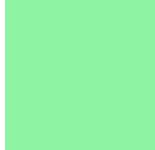
Original Color
75FF06



Protanomaly
CBEB02

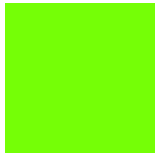


Deuteranomaly
CDE76B

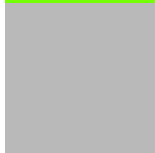


Tritanomaly
8EF4A4

Monochromacy



Original Color
75FF06



Achromatopsia
B9B9B9



Achromatomaly
A0D278

CSS Examples

Text

The CSS property to change the color of the text to Hex 75FF06 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 #75FF06 looks like.

```
.text, #text, p{  
    color:#75FF06  
}
```

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 #75FF06 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75FF06
}
```

Border

The CSS property to change the border of an element to Hex 75FF06 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
#75FF06 }
```

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

```
.border{ border-color:#75FF06 }
```

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

Here you see how a box with a 4 pixel #75FF06 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75FF06; -webkit-box-shadow:4px 4px  
4px 4px #75FF06; box-shadow:4px 4px 4px  
4px #75FF06 }
```

Background

The CSS property to change the background color of an element to Hex 75FF06 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75FF06 }
```

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

```
.background{ background-color:#75FF06 }
```

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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