

Converting Colors

Hex(66DC06)

Have a look what the booklet for
Hex(66DC06) contains.

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Color

Hex(66DC06)

Conversions

Conversions Part 1

Format	Color
Hex	66DC06
RGB	102, 220, 6
RGB Percent	40%, 86%, 2%
CMY	0.6000, 0.1373, 0.9765
CMYK	0.54, 0.00, 0.97, 0.14
HSL	93°, 95%, 44%
HSV	93°, 97%, 86%
XYZ	31.1056, 54.0243, 8.9606
YIQ	160.3220, -1.6340, -91.5700

Conversions

Conversions Part 2

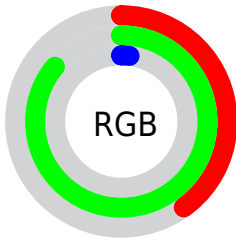
Format	Color
RYB	6, 220, 124
Decimal	6740998
CIELab	78.48, -62.66, 75.90
CIELCh	78, 98.419, 129.543
Yxy	54.0243, 0.3306, 0.5742
Android (android.graphics.Color)	4284931078 (0xFF66DC06)
YUV	160.3220, -76.0807, -51.1484
Hunter-Lab	73.5012, -53.0864, 44.2228

Details

The Hex color **66DC06** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **7C06DC**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **A4FF57**, and **16A400** is the 20% darker color. If you saturate the color by 10%, you get **63DC00**, and if you desaturate by 10%, it is **72DC1C**.

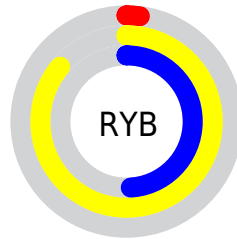
Distribution



Red (40%)

Green (86%)

Blue (2%)



Red (2%)

Yellow (86%)

Blue (49%)

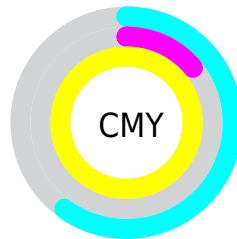


Cyan (54%)

Magenta (0%)

Yellow (97%)

Black (14%)



Cyan (60%)

Magenta (14%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66DC06 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 66DC06 by changing the saturation by 10% instead.

 66DC06

 66DC06

FFFFFF

 44C000

 A4FF57

 16A400

 C2FF75

 008900

 E1FF92

 006E00

 FFFF4F

 005500

 FFFFCC

 003C00

 FFFFEA

 002400

 000000

 66DC06

 66DC06

 63DC00

 72DC1C

 7EDC32

 8ADC48

 97DC5E

 A3DC74

 AFDC8A

 BBDC A0

 C7DC B6

 D3DC CC

Harmonies

Analogous

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



CFC800



66DC06



00E67E

Triad

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



66DC06



00DDFF



FF53A9

Complementary

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



66DC06



7C06DC

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.



FF68FF



66DC06



00C4FF

Square

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



66DC06



00E8FF



E79BFF



FF7851

Rectangle

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



66DC06



00EABE



E79BFF



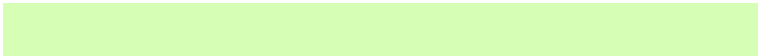
FF53C8

Sweetspot

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



66DC06



D6FFB5



DC7C06



678053



000000



808080

Same Dimension

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



66DC06



72FF00



06DC11



686E63



4EAD00



152E00

Inverse Universe

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



7C06DC



8D00FF



DC06D1



69636E



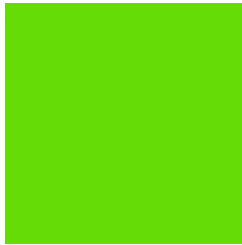
6000AD



19002E

Previews

White Background



This preview shows how the Hex color 66DC06 looks on a white background.

Color Contrast Check

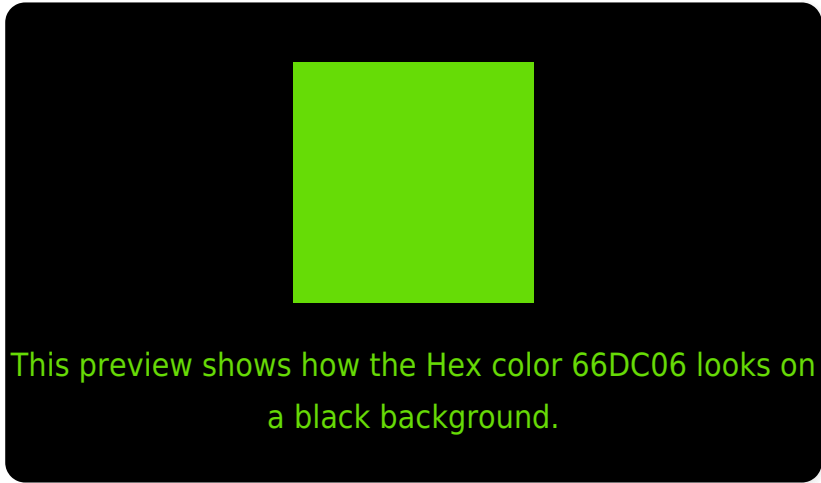
Large Text (above 18pt) WCAG AA × Fail

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 66DC06 Background



This preview shows how black text looks on a background with the Hex color 66DC06.

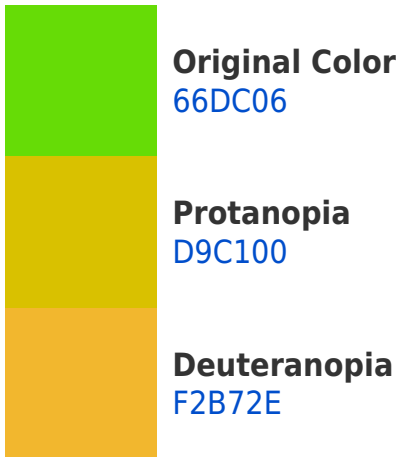


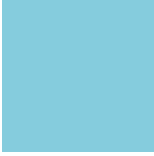
This preview shows how white text looks on a background with the Hex color 66DC06.

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](#).

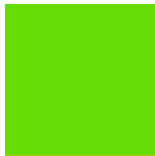
Dichromacy





Tritanopia
85CCDD

Trichromacy



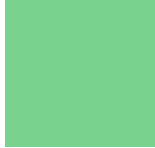
Original Color
66DC06



Protanomaly
AFCB02



Deuteranomaly
BFC41F



Tritanomaly
7AD28F

Monochromacy



Original Color
66DC06



Achromatopsia
A0A0A0



Achromatomaly
8BB668

CSS Examples

Text

The CSS property to change the color of the text to Hex 66DC06 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 #66DC06 looks like.

```
.text, #text, p{  
    color:#66DC06  
}
```

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 #66DC06 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66DC06  
}
```

Border

The CSS property to change the border of an element to Hex 66DC06 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  
#66DC06 }
```

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

```
.border{ border-color:#66DC06 }
```

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

Here you see how a box with a 4 pixel #66DC06 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66DC06; -webkit-box-shadow:4px 4px  
4px 4px #66DC06; box-shadow:4px 4px 4px  
4px #66DC06 }
```

Background

The CSS property to change the background color of an element to Hex 66DC06 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66DC06 }
```

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

```
.background{ background-color:#66DC06 }
```

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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