

Converting Colors

Hex(6FF06A)

Have a look what the booklet for
Hex(6FF06A) contains.

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Color

Hex(6FF06A)

Conversions

Conversions Part 1

Format	Color
Hex	6FF06A
RGB	111, 240, 106
RGB Percent	44%, 94%, 42%
CMY	0.5647, 0.0588, 0.5843
CMYK	0.54, 0.00, 0.56, 0.06
HSL	118°, 82%, 68%
HSV	118°, 56%, 94%
XYZ	40.3172, 66.7403, 24.3929
YIQ	186.1530, -33.8700, -69.0220

Conversions

Conversions Part 2

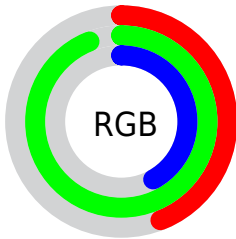
Format	Color
RYB	106, 240, 235
Decimal	7336042
CIELab	85.37, -61.27, 53.31
CIELCh	85, 81.216, 138.973
Yxy	66.7403, 0.3067, 0.5077
Android (android.graphics.Color)	4285526122 (0xFF6FF06A)
YUV	186.1530, -39.5154, -65.9092
Hunter-Lab	81.6947, -54.8743, 39.4831

Details

The Hex color **6FF06A** is a light color, and the websafe version is hex **66FF66**. A complement of this color would be **EB6AF0**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **ABFFA0**, and **29B734** is the 20% darker color. If you saturate the color by 10%, you get **58F052**, and if you desaturate by 10%, it is **86F082**.

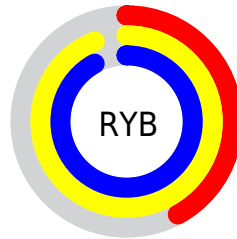
Distribution



Red (44%)

Green (94%)

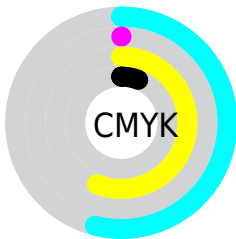
Blue (42%)



Red (42%)

Yellow (94%)

Blue (92%)

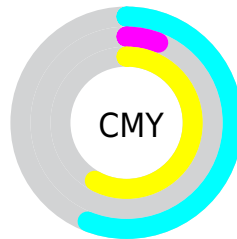


Cyan (54%)

Magenta (0%)

Yellow (56%)

Black (6%)



Cyan (56%)

Magenta (6%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6FF06A 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 6FF06A by changing the saturation by 10% instead.

 6FF06A

 6FF06A

FFFFFF

 4FD34F

 ABFFA0

 29B734

 CAFFBC

 009B15

 E8FFD9

 008000

 FFFFF6

 006600

 004D00

 003500

 001B00

 000000

 6FF06A

 6FF06A

 58F052

 86F082

 41F03A

 9DF09A

 2AF022

 B4F0B2

 13F00A

 CBF0CA

 09F000

 E3F0E2

 FAF0FA

 FFF0FF

Harmonies

Analogous

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



CEE02F



6FF06A



00F8B5

Triad

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



6FF06A



00E6FF



FF8EA8

Complementary

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



6FF06A



EB6AF0

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.



FF8FF5



6FF06A



9FCDFE

Square

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



6FF06A



00F5FF



FFABFF



FFA863

Rectangle

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



6FF06A



00FAEB



FFABFF



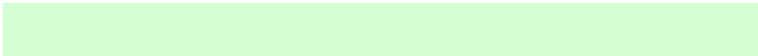
FF8BC1

Sweetspot

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



6FF06A



D5FFD4



F0E96A



678066



000000



808080

Same Dimension

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



6FF06A



5BFF54



6AF0A6



6C786C



07B800



023800

Inverse Universe

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



EB6AF0



F954FF



F06AB4



776C78



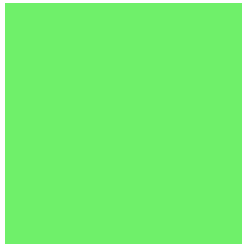
B100B8



360038

Previews

White Background



This preview shows how the Hex color 6FF06A looks on a white background.

Color Contrast Check

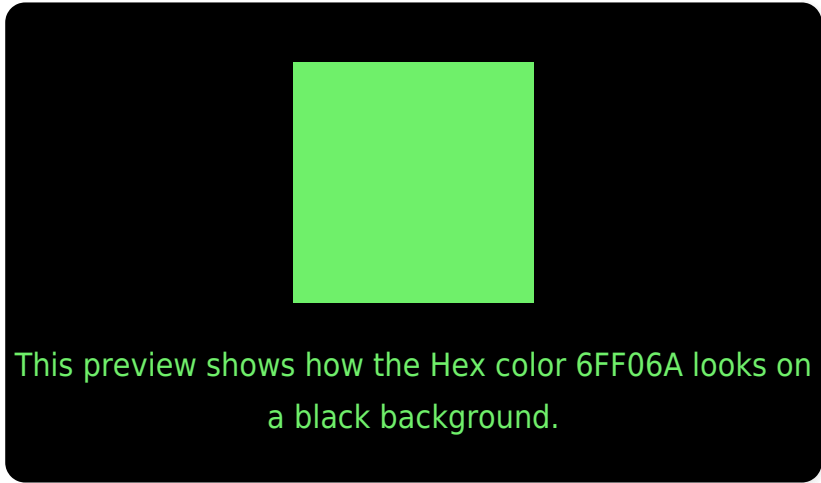
Large Text (above 18pt) WCAG AA × Fail

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

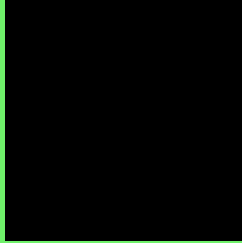
Any Text WCAG AA ✓ Pass

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 6FF06A Background



This preview shows how black text looks on a background with the Hex color 6FF06A.

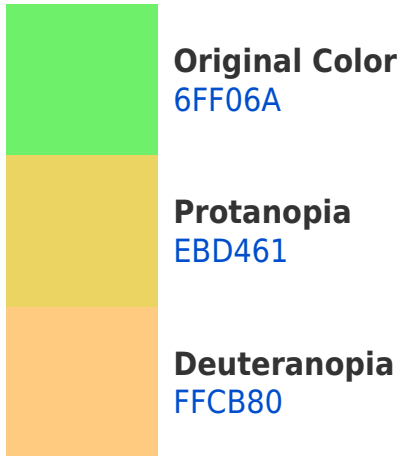


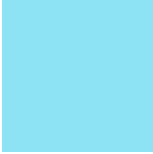
This preview shows how white text looks on a background with the Hex color 6FF06A.

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



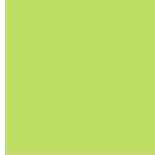


Tritanopia
8DE2F4

Trichromacy



Original Color
6FF06A



Protanomaly
BEDE64



Deuteranomaly
CBD878



Tritanomaly
82E7C2

Monochromacy



Original Color
6FF06A



Achromatopsia
BABABA



Achromatomaly
9FCE9D

CSS Examples

Text

The CSS property to change the color of the text to Hex 6FF06A 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 #6FF06A looks like.

```
.text, #text, p{  
    color:#6FF06A  
}
```

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 #6FF06A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6FF06A
}
```

Border

The CSS property to change the border of an element to Hex 6FF06A 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
#6FF06A }
```

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

```
.border{ border-color:#6FF06A }
```

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

Here you see how a box with a 4 pixel #6FF06A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6FF06A; -webkit-box-shadow:4px 4px  
4px 4px #6FF06A; box-shadow:4px 4px 4px  
4px #6FF06A }
```

Background

The CSS property to change the background color of an element to Hex 6FF06A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6FF06A }
```

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

```
.background{ background-color:#6FF06A }
```

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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