

Converting Colors

Hex(6DFF00)

Have a look what the booklet for
Hex(6DFF00) contains.

Hex(6DFF00)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

Hex(6DFF00)

Conversions

Conversions Part 1

Format	Color
Hex	6DFF00
RGB	109, 255, 0
RGB Percent	43%, 100%, 0%
CMY	0.5725, 0.0000, 1.0000
CMYK	0.57, 0.00, 1.00, 0.00
HSL	94°, 100%, 50%
HSV	94°, 100%, 100%
XYZ	42.0667, 74.7712, 12.2151
YIQ	182.2760, -5.1610, -110.2570

Conversions

Conversions Part 2

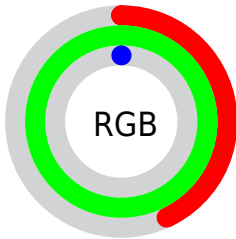
Format	Color
RYB	0, 255, 146
Decimal	7208704
CIELab	89.29, -72.78, 85.07
CIELCh	89, 111.952, 130.548
Yxy	74.7712, 0.3260, 0.5794
Android (android.graphics.Color)	4285398784 (0xFF6DFF00)
YUV	182.2760, -89.8621, -64.2631
Hunter-Lab	86.4703, -64.4852, 52.1537

Details

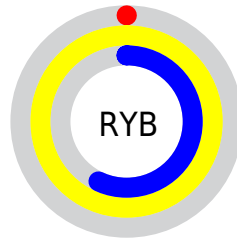
The Hex color **6DFF00** is a dark color, and the websafe version is hex **66FF00**. The color can be described as dark saturated chartreuse. A complement of this color would be **9200FF**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **AEFF5D**, and **0EC500** is the 20% darker color. If you saturate the color by 10%, you get **6DFF00**, and if you desaturate by 10%, it is **7CFF19**.

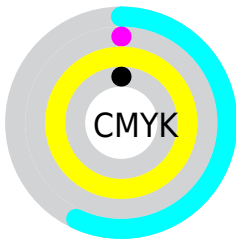
Distribution



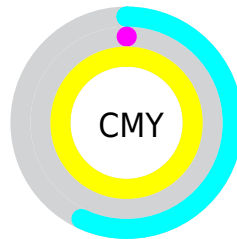
- Red (43%)
- Green (100%)
- Blue (0%)



- Red (0%)
- Yellow (100%)
- Blue (57%)



- Cyan (57%)
- Magenta (0%)
- Yellow (100%)
- Black (0%)



- Cyan (57%)
- Magenta (0%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6DFF00 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 6DFF00 by changing the saturation by 10% instead.

 6DFF00

 6DFF00

FFFFFF

 48E200

 AEFF5D

 0EC500

 CEFF7C

 00A900

 EDFF9A

 008D00

 FFFFB8

 007200

 FFFFD6

 005800

 FFFFF4

 003F00

 002600

 000000

 6DFF00

 7CFF19

 8AFF33

 99FF4D

 A7FF66

 B6FF80

 C5FF99

 D3FFB3

 E2FFCC

 F0FFE6

Harmonies

Analogous

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



EBE800



6DFF00



00FF94

Triad

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



6DFF00



00FFFF



FF5BC0

Complementary

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



6DFF00



9200FF

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.



FF73FF



6DFF00



00E1FF

Square

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



6DFF00



00FFFF



FFB0FF



FF8B59

Rectangle

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



6DFF00



00FFDF



FFB0FF



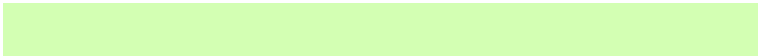
FF5AE3

Sweetspot

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



6DFF00



D3FFB3



FF9100



658052



000000



808080

Same Dimension

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



6DFF00



00FF11



788073



52BF00



1B4000

Inverse Universe

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



9200FF



FF00EE



7A7380



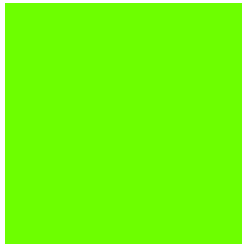
6E00BF



250040

Previews

White Background



This preview shows how the Hex color 6DFF00 looks on a white background.

Color Contrast Check

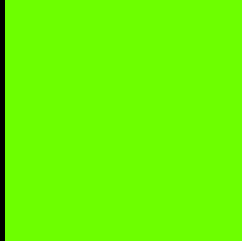
Large Text (above 18pt) WCAG AA × Fail

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 6DFF00 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

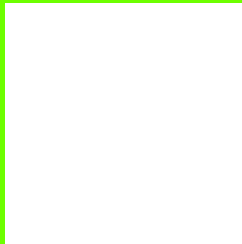
Any Text WCAG AAA ✓ Pass

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

Hex 6DFF00 Background



This preview shows how black text looks on a background with the Hex color 6DFF00.

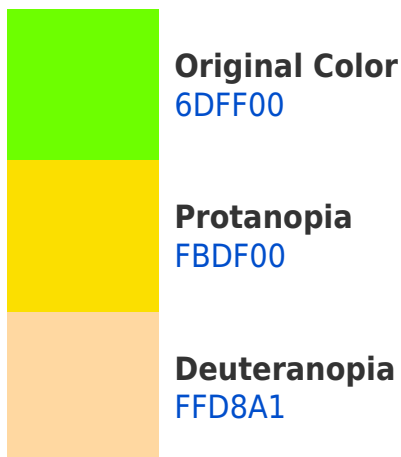


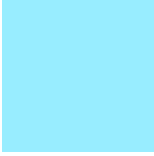
This preview shows how white text looks on a background with the Hex color 6DFF00.

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](#).

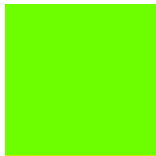
Dichromacy





Tritanopia
98EDFF

Trichromacy



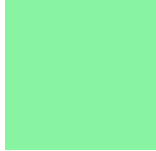
Original Color
6DFF00



Protanomaly
C7EB00

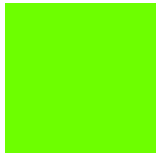


Deuteranomaly
CAE666

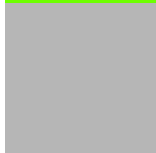


Tritanomaly
88F4A2

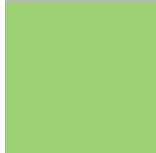
Monochromacy



Original Color
6DFF00



Achromatopsia
B6B6B6



Achromatomaly
9BD174

CSS Examples

Text

The CSS property to change the color of the text to Hex 6DFF00 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 #6DFF00 looks like.

```
.text, #text, p{  
    color:#6DFF00  
}
```

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 #6DFF00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DFF00
}
```

Border

The CSS property to change the border of an element to Hex 6DFF00 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
#6DFF00 }
```

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

```
.border{ border-color:#6DFF00 }
```

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

Here you see how a box with a 4 pixel #6DFF00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DFF00; -webkit-box-shadow:4px 4px  
4px 4px #6DFF00; box-shadow:4px 4px 4px  
4px #6DFF00 }
```

Background

The CSS property to change the background color of an element to Hex 6DFF00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DFF00 }
```

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

```
.background{ background-color:#6DFF00 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor