

Converting Colors

Hex(6CFF66)

Have a look what the booklet for
Hex(6CFF66) contains.

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Color

Hex(6CFF66)

Conversions

Conversions Part 1

Format	Color
Hex	6CFF66
RGB	108, 255, 102
RGB Percent	42%, 100%, 40%
CMY	0.5765, 0.0000, 0.6000
CMYK	0.58, 0.00, 0.60, 0.00
HSL	118°, 100%, 70%
HSV	118°, 60%, 100%
XYZ	44.3426, 75.6675, 24.8386
YIQ	193.6050, -38.4990, -78.7470

Conversions

Conversions Part 2

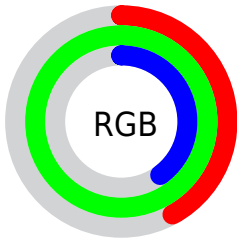
Format	Color
RYB	102, 255, 249
Decimal	7143270
CIELab	89.70, -67.83, 60.05
CIELCh	90, 90.591, 138.485
Yxy	75.6675, 0.3061, 0.5224
Android (android.graphics.Color)	4285333350 (0xFF6CFF66)
YUV	193.6050, -45.1613, -75.0756
Hunter-Lab	86.9870, -61.2350, 43.9611

Details

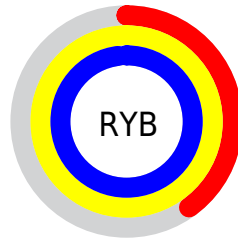
The Hex color **6CFF66** is a light color, and the websafe version is hex **66FF66**. A complement of this color would be **F966FF**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **ABFF9D**, and **1AC52D** is the 20% darker color. If you saturate the color by 10%, you get **53FF4D**, and if you desaturate by 10%, it is **84FF80**.

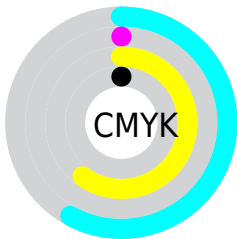
Distribution



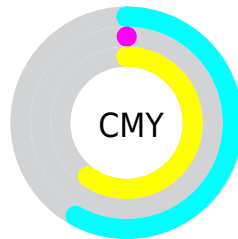
- Red (42%)
- Green (100%)
- Blue (40%)



- Red (40%)
- Yellow (100%)
- Blue (98%)



- Cyan (58%)
- Magenta (0%)
- Yellow (60%)
- Black (0%)



- Cyan (58%)
- Magenta (0%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6CFF66 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 6CFF66 by changing the saturation by 10% instead.

 6CFF66

 6CFF66

FFFFFF

 49E24A

 ABFF9D

 1AC52D

 CAFFBA

 00A903

 E9FFD6

 008D00

 FFFFF4

 007300

 005900

 004000

 002700

 000000

 6CFF66

 6CFF66

 53FF4D

 84FF80

 3BFF33

 9DFF99

 22FF19

 B5FFB3

 0AFF00

 CEFFCC

 E7FFE6

FFFFFF

Harmonies

Analogous

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



D9EE14



6CFF66



00FFBC

Triad

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



6CFF66



00F5FF



FF8EB0

Complementary

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



6CFF66



F966FF

Split Complementary

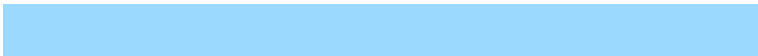
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF8FFF



6CFF66



9BD9FF

Square

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



6CFF66



00FFFF



FFB2FF



FFAD61

Rectangle

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



6CFF66



00FFF9



FFB2FF



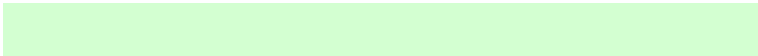
FF8ACD

Sweetspot

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



6CFF66



D3FFD1



FFF766



658063



000000



808080

Same Dimension

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



6CFF66



4FFF47



66FFAB



738073



07BF00



024000

Inverse Universe

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



F966FF



F847FF



FF66BA



7F7380



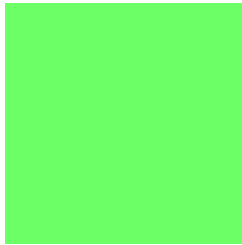
B800BF



3D0040

Previews

White Background



This preview shows how the Hex color 6CFF66 looks on a white background.

Color Contrast Check

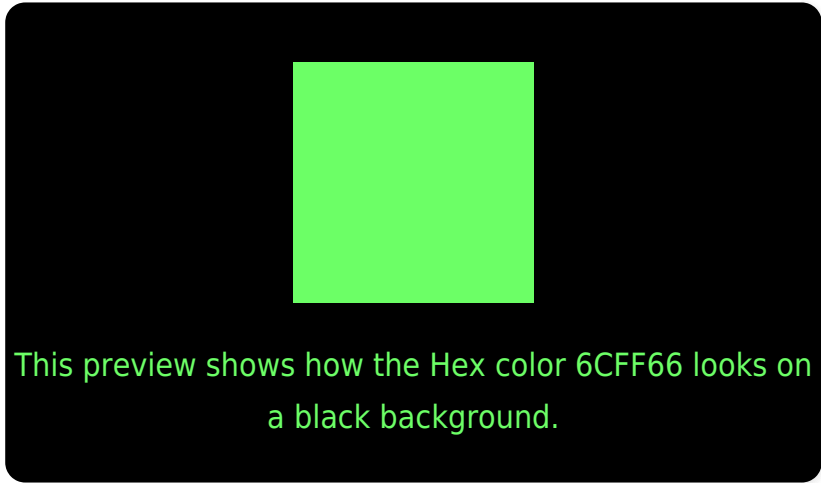
Large Text (above 18pt) WCAG AA × Fail

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 6CFF66 Background



This preview shows how black text looks on a background with the Hex color 6CFF66.

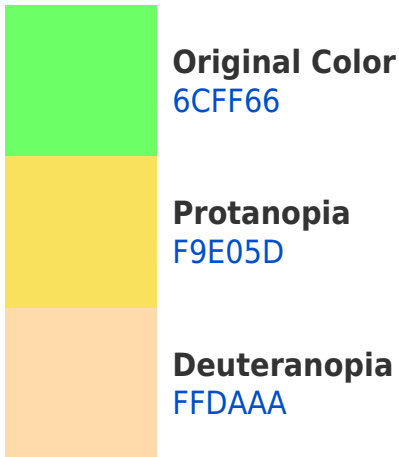


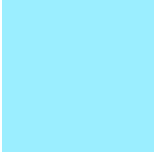
This preview shows how white text looks on a background with the Hex color 6CFF66.

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



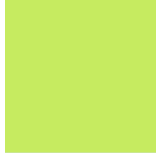


Tritanopia
9BEEFF

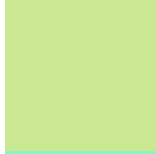
Trichromacy



Original Color
6CFF66



Protanomaly
C6EB60

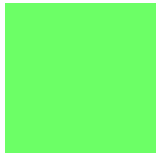


Deuteranomaly
CAE791

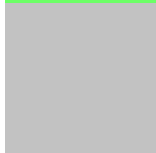


Tritanomaly
8AF4C7

Monochromacy



Original Color
6CFF66



Achromatopsia
C2C2C2



Achromatomaly
A3D8A1

CSS Examples

Text

The CSS property to change the color of the text to Hex 6CFF66 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 #6CFF66 looks like.

```
.text, #text, p{  
    color:#6CFF66  
}
```

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 #6CFF66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6CFF66
}
```

Border

The CSS property to change the border of an element to Hex 6CFF66 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
#6CFF66 }
```

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

```
.border{ border-color:#6CFF66 }
```

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

Here you see how a box with a 4 pixel #6CFF66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6CFF66; -webkit-box-shadow:4px 4px  
4px 4px #6CFF66; box-shadow:4px 4px 4px  
4px #6CFF66 }
```

Background

The CSS property to change the background color of an element to Hex 6CFF66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6CFF66 }
```

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

```
.background{ background-color:#6CFF66 }
```

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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