

Converting Colors

Hex(6CFF61)

Have a look what the booklet for
Hex(6CFF61) contains.

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Color

Hex(6CFF61)

Conversions

Conversions Part 1

Format	Color
Hex	6CFF61
RGB	108, 255, 97
RGB Percent	42%, 100%, 38%
CMY	0.5765, 0.0000, 0.6196
CMYK	0.58, 0.00, 0.62, 0.00
HSL	116°, 100%, 69%
HSV	116°, 62%, 100%
XYZ	44.1020, 75.5712, 23.5715
YIQ	193.0350, -36.8940, -80.3020

Conversions

Conversions Part 2

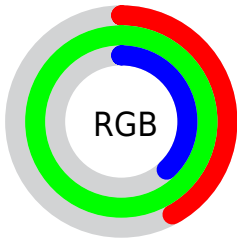
Format	Color
R_{YB}	97, 255, 244
Decimal	7143265
CIE _{Lab}	89.66, -68.34, 62.08
CIE _{LCh}	90, 92.330, 137.748
Yxy	75.5712, 0.3079, 0.5276
Android (android.graphics.Color)	4285333345 (0xFF6CFF61)
YUV	193.0350, -47.3453, -74.5757
Hunter-Lab	86.9317, -61.5742, 44.7757

Details

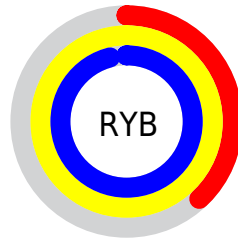
The Hex color **6CFF61** is a light color, and the websafe version is hex **66FF66**. A complement of this color would be **F461FF**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **ABFF99**, and **19C526** is the 20% darker color. If you saturate the color by 10%, you get **54FF47**, and if you desaturate by 10%, it is **84FF7A**.

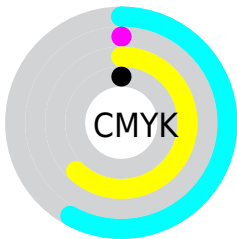
Distribution



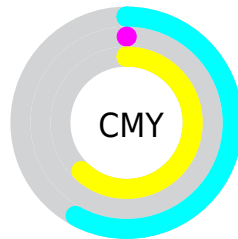
- Red (42%)
- Green (100%)
- Blue (38%)



- Red (38%)
- Yellow (100%)
- Blue (96%)



- Cyan (58%)
- Magenta (0%)
- Yellow (62%)
- Black (0%)



- Cyan (58%)
- Magenta (0%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6CFF61 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 6CFF61 by changing the saturation by 10% instead.

 6CFF61

 6CFF61

FFFFFF

 49E245


 ABFF99

 19C526

 CAFFB5

 00A900

 E9FFD2

 008D00

 FFFFEF

 007300

 005900

 004000

 002700

 000000

 6CFF61

 6CFF61

 54FF47

 84FF7A

 3DFF2E

 9BFF94

 25FF14

 B3FFAE

 12FF00

 CBFFC7

 E3FFE1

 FAFFFA

FFFFFF

Harmonies

Analogous

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



DAED00



6CFF61



00FFB9

Triad

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



6CFF61



00F6FF



FF8BB1

Complementary

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



6CFF61



F461FF

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.



FF8DFF



6CFF61



92D9FF

Square

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



6CFF61



00FFFF



FFB1FF



FFAB60

Rectangle

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



6CFF61



00FFF7



FFB1FF



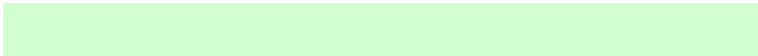
FF86CE

Sweetspot

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



6CFF61



D2FFCF



FFF261



648062



000000



808080

Same Dimension

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



6CFF61



4FFF42



61FFA3



748073



0DBF00



044000

Inverse Universe

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



F461FF



F242FF



FF61BD



7F7380



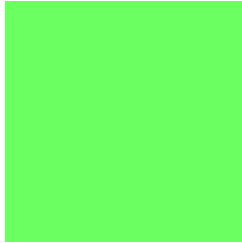
B200BF



3B0040

Previews

White Background



This preview shows how the Hex color 6CFF61 looks on a white background.

Color Contrast Check

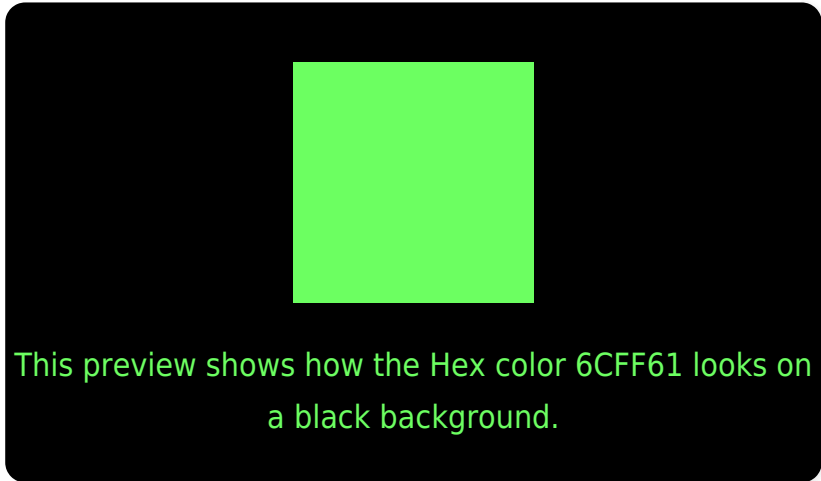
Large Text (above 18pt) WCAG AA × Fail

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

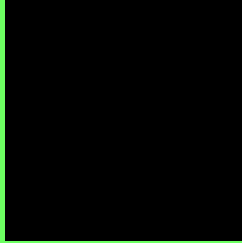
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

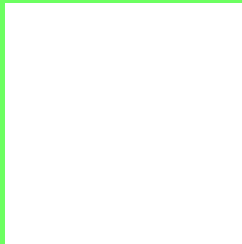
Any Text WCAG AAA ✓ Pass

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

Hex 6CFF61 Background



This preview shows how black text looks on a background with the Hex color 6CFF61.

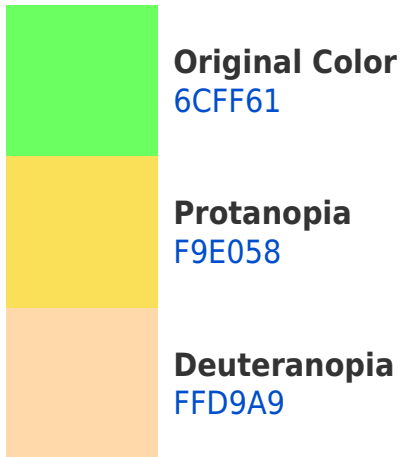


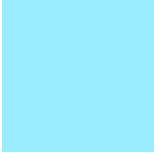
This preview shows how white text looks on a background with the Hex color 6CFF61.

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](#).

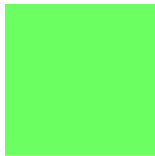
Dichromacy



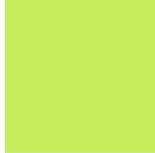


Tritanopia
9AEDFF

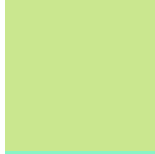
Trichromacy



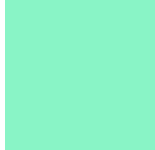
Original Color
6CFF61



Protanomaly
C6EB5B



Deuteranomaly
CAE78F

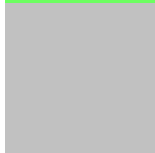


Tritanomaly
89F4C6

Monochromacy



Original Color
6CFF61



Achromatopsia
C1C1C1



Achromatomaly
A2D89E

CSS Examples

Text

The CSS property to change the color of the text to Hex 6CFF61 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 #6CFF61 looks like.

```
.text, #text, p{  
    color:#6CFF61  
}
```

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 #6CFF61 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6CFF61
}
```

Border

The CSS property to change the border of an element to Hex 6CFF61 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
#6CFF61 }
```

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

```
.border{ border-color:#6CFF61 }
```

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

Here you see how a box with a 4 pixel #6CFF61 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6CFF61; -webkit-box-shadow:4px 4px  
4px 4px #6CFF61; box-shadow:4px 4px 4px  
4px #6CFF61 }
```

Background

The CSS property to change the background color of an element to Hex 6CFF61 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6CFF61 }
```

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

```
.background{ background-color:#6CFF61 }
```

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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