

Converting Colors

Hex(61FF6B)

Have a look what the booklet for
Hex(61FF6B) contains.

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Color

Hex(61FF6B)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 61FF6B |
| RGB | 97, 255, 107 |
| RGB Percent | 38%, 100%, 42% |
| CMY | 0.6196, 0.0000, 0.5804 |
| CMYK | 0.62, 0.00, 0.58, 0.00 |
| HSL | 124°, 100%, 69% |
| HSV | 124°, 62%, 100% |
| XYZ | 43.3436, 75.1229, 26.1257 |
| YIQ | 190.8860, -46.6600, -79.5240 |

Conversions

Conversions Part 2

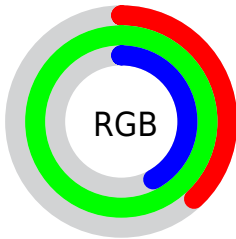
| Format | Color |
|-------------------------------------|--|
| RYB | 97, 246, 255 |
| Decimal | 6422379 |
| CIELab | 89.45, -69.67, 57.53 |
| CIELCh | 89, 90.355, 140.452 |
| Yxy | 75.1229, 0.2998, 0.5196 |
| Android (android.graphics.Color) | 4284612459 (0xFF61FF6B) |
| YUV | 190.8860, -41.3558, -82.3380 |
| Hunter-Lab | 86.6735, -62.4145, 42.7999 |

Details

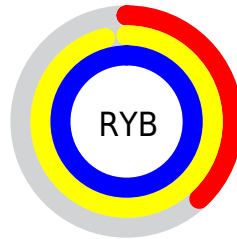
The Hex color **61FF6B** is a light color, and the websafe version is hex **66FF66**. A complement of this color would be **FF61F5**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **A2FFA2**, and **00C534** is the 20% darker color. If you saturate the color by 10%, you get **47FF53**, and if you desaturate by 10%, it is **7AFF83**.

Distribution



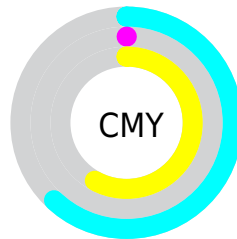
- Red (38%)
- Green (100%)
- Blue (42%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 61FF6B 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 61FF6B by changing the saturation by 10% instead.

 61FF6B

 61FF6B

FFFFFF

 3BE250

 A2FFA2

 00C534

 C1FFBE

 00A912

 E0FFDB

 008D00

 FFFFF8

 007200

 005800

 003F00

 002600

 000000

 61FF6B

 61FF6B

 47FF53

 7AFF83

 2EFF3B

 94FF9B

 14FF23

 AEFFB3

 00FF10

 C7FFCB

 E1FFE2

 FAFFFA

FFFFFF

Harmonies

Analogous

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



D2EE1B



61FF6B



00FC1

Triad

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



61FF6B



00F3FF



FF8FAA

Complementary

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



61FF6B



FF61F5

Split Complementary

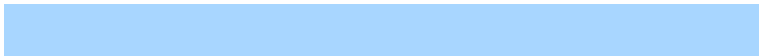
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF8EFF



61FF6B



A8D6FF

Square

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



61FF6B



00FFFF



FFAEFF



FFAF5C

Rectangle

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



61FF6B



00FFFE



FFAEFF



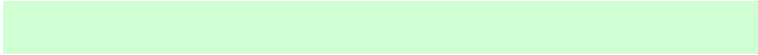
FF8AC6

Sweetspot

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



61FF6B



CFFFD2



F7FF61



628064



000000



808080

Same Dimension

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



61FF6B



42FF4E



61FFB8



738074



00BF0C



004004

Inverse Universe

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



FF61F5



FF42F3



FF61A8



80737F



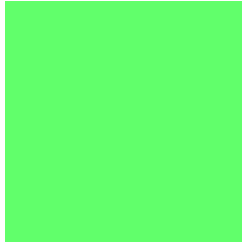
BF00B3



40003C

Previews

White Background



This preview shows how the Hex color 61FF6B 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 61FF6B 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 61FF6B Background



This preview shows how black text looks on a background with the Hex color 61FF6B.

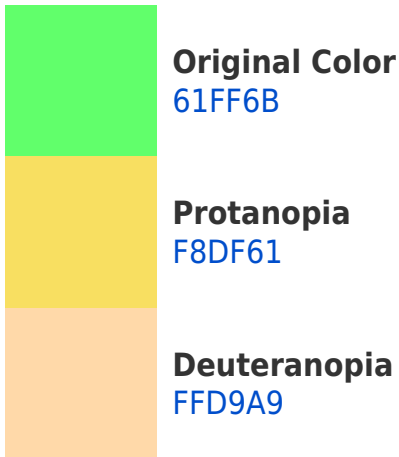


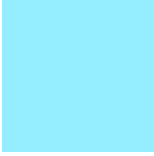
This preview shows how white text looks on a background with the Hex color 61FF6B.

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](#).

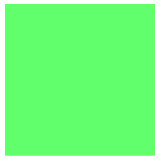
Dichromacy



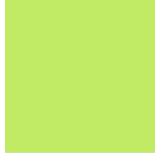


Tritanopia
94EEFF

Trichromacy



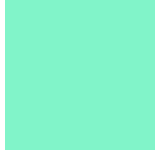
Original Color
61FF6B



Protanomaly
C1EB65



Deuteranomaly
C6E792

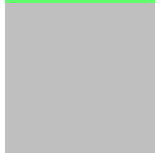


Tritanomaly
81F4C9

Monochromacy



Original Color
61FF6B



Achromatopsia
BFBFBF



Achromatomaly
9DD6A0

CSS Examples

Text

The CSS property to change the color of the text to Hex 61FF6B 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 #61FF6B looks like.

```
.text, #text, p{  
    color:#61FF6B  
}
```

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 #61FF6B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61FF6B
}
```

Border

The CSS property to change the border of an element to Hex 61FF6B 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
#61FF6B }
```

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

```
.border{ border-color:#61FF6B }
```

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

Here you see how a box with a 4 pixel #61FF6B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61FF6B; -webkit-box-shadow:4px 4px  
4px 4px #61FF6B; box-shadow:4px 4px 4px  
4px #61FF6B }
```

Background

The CSS property to change the background color of an element to Hex 61FF6B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61FF6B }
```

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

```
.background{ background-color:#61FF6B }
```

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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