

Converting Colors

Hex(61FF7F)

Have a look what the booklet for
Hex(61FF7F) contains.

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Color

Hex(61FF7F)

Conversions

Conversions Part 1

Format	Color
Hex	61FF7F
RGB	97, 255, 127
RGB Percent	38%, 100%, 50%
CMY	0.6196, 0.0000, 0.5020
CMYK	0.62, 0.00, 0.50, 0.00
HSL	131°, 100%, 69%
HSV	131°, 62%, 100%
XYZ	44.5205, 75.5937, 32.3232
YIQ	193.1660, -53.0800, -73.3040

Conversions

Conversions Part 2

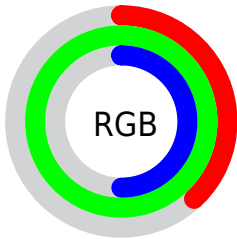
Format	Color
RYB	97, 230, 255
Decimal	6422399
CIELab	89.67, -67.17, 48.77
CIELCh	90, 83.007, 144.015
Yxy	75.5937, 0.2921, 0.4959
Android (android.graphics.Color)	4284612479 (0xFF61FF7F)
YUV	193.1660, -32.6198, -84.3376
Hunter-Lab	86.9446, -60.7511, 38.8191

Details

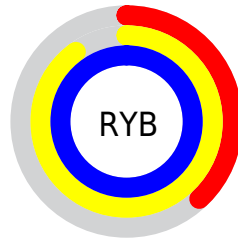
The Hex color **61FF7F** is a light color, and the websafe version is hex **66FF66**. A complement of this color would be **FF61E1**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **A1FFB6**, and **00C54A** is the 20% darker color. If you saturate the color by 10%, you get **47FF6A**, and if you desaturate by 10%, it is **7AFF94**.

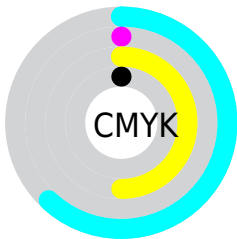
Distribution



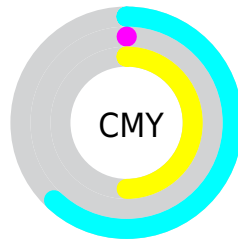
- Red (38%)
- Green (100%)
- Blue (50%)



- Red (38%)
- Yellow (90%)
- Blue (100%)



- Cyan (62%)
- Magenta (0%)
- Yellow (50%)
- Black (0%)



- Cyan (62%)
- Magenta (0%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 61FF7F 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 61FF7F by changing the saturation by 10% instead.

 61FF7F

 61FF7F

FFFFFF

 3CE264

 A1FFB6

 00C54A

 C0FFD2

 00A930

 DFFFEF

 008D11

FEFFFF

 007300

 005800

 003F00

 002700

 000000

 61FF7F

 61FF7F

 47FF6A

 7AFF94

 2EFF56

 94FFA8

 14FF41

 AEFFBD

 00FF30

 C7FFD2

 E1FFE6

 FAFFFB

FFFFFF

Harmonies

Analogous

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



CCF040



61FF7F



00FFCE

Triad

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



61FF7F



00EFFF



FF9CA6

Complementary

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



61FF7F



FF61E1

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.



FF97F5



61FF7F



C5D3FF

Square

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



61FF7F



00FFFF



FFB0FF



FFB861

Rectangle

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



61FF7F



00FFFF



FFB0FF



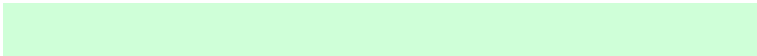
FF97BF

Sweetspot

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



61FF7F



CFFFD8



E2FF61



628068



000000



808080

Same Dimension

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



61FF7F



42FF66



61FFCD



738075



00BF24



00400C

Inverse Universe

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



FF61E1



FF42DB



FF6193



80737D



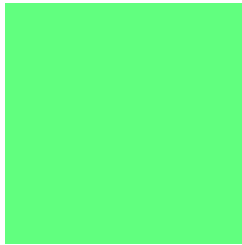
BF009B



400034

Previews

White Background



This preview shows how the Hex color 61FF7F 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 61FF7F looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

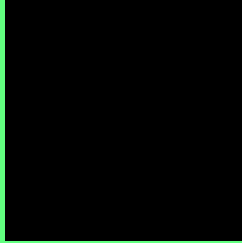
Any Text WCAG AA ✓ Pass

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 61FF7F Background



This preview shows how black text looks on a background with the Hex color 61FF7F.

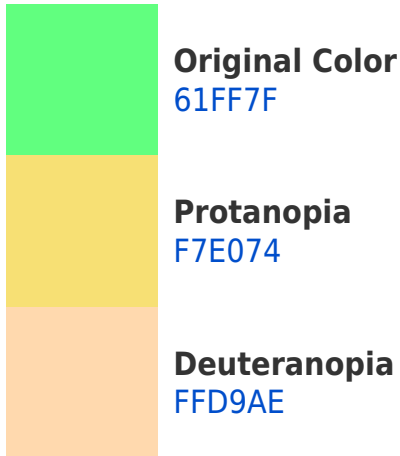


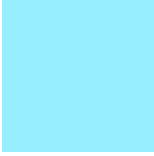
This preview shows how white text looks on a background with the Hex color 61FF7F.

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](#).

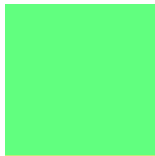
Dichromacy



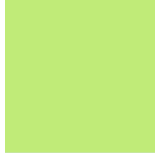


Tritanopia
97EEFF

Trichromacy



Original Color
61FF7F



Protanomaly
C0EB78



Deuteranomaly
C6E79D

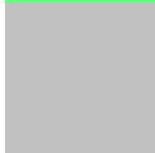


Tritanomaly
83F4D0

Monochromacy



Original Color
61FF7F



Achromatopsia
C1C1C1



Achromatomaly
9ED8A9

CSS Examples

Text

The CSS property to change the color of the text to Hex 61FF7F 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 #61FF7F looks like.

```
.text, #text, p{  
    color:#61FF7F  
}
```

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 #61FF7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61FF7F
}
```

Border

The CSS property to change the border of an element to Hex 61FF7F 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
#61FF7F }
```

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

```
.border{ border-color:#61FF7F }
```

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

Here you see how a box with a 4 pixel #61FF7F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61FF7F; -webkit-box-shadow:4px 4px  
4px 4px #61FF7F; box-shadow:4px 4px 4px  
4px #61FF7F }
```

Background

The CSS property to change the background color of an element to Hex 61FF7F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61FF7F }
```

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

```
.background{ background-color:#61FF7F }
```

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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