

Converting Colors

Hex(61FF7B)

Have a look what the booklet for
Hex(61FF7B) contains.

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Color

Hex(61FF7B)

Conversions

Conversions Part 1

Format	Color
Hex	61FF7B
RGB	97, 255, 123
RGB Percent	38%, 100%, 48%
CMY	0.6196, 0.0000, 0.5176
CMYK	0.62, 0.00, 0.52, 0.00
HSL	130°, 100%, 69%
HSV	130°, 62%, 100%
XYZ	44.2649, 75.4914, 30.9772
YIQ	192.7100, -51.7960, -74.5480

Conversions

Conversions Part 2

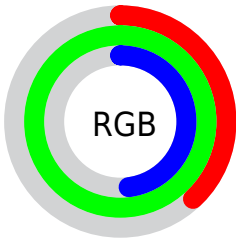
Format	Color
RYB	97, 233, 255
Decimal	6422395
CIELab	89.62, -67.71, 50.57
CIELCh	90, 84.506, 143.245
Yxy	75.4914, 0.2937, 0.5008
Android (android.graphics.Color)	4284612475 (0xFF61FF7B)
YUV	192.7100, -34.3670, -83.9377
Hunter-Lab	86.8858, -61.1114, 39.6815

Details

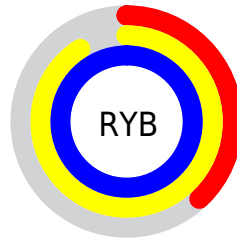
The Hex color **61FF7B** is a light color, and the websafe version is hex **66FF66**. A complement of this color would be **FF61E5**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **A1FFB2**, and **00C546** is the 20% darker color. If you saturate the color by 10%, you get **47FF66**, and if you desaturate by 10%, it is **7AFF90**.

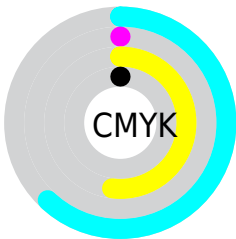
Distribution



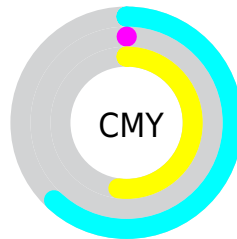
- Red (38%)
- Green (100%)
- Blue (48%)



- Red (38%)
- Yellow (91%)
- Blue (100%)



- Cyan (62%)
- Magenta (0%)
- Yellow (52%)
- Black (0%)



- Cyan (62%)
- Magenta (0%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 61FF7B 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 61FF7B by changing the saturation by 10% instead.

 61FF7B

FFFFFF

 A1FFB2

 C0FFCE

 DFFFEB

FEFFFF

 61FF7B

 3CE260

 00C546

 00A92B

 008D08

 007200

 005800

 003F00

 002700

 000000

 61FF7B

 61FF7B

 47FF66

 7AFF90

 2EFF50

 94FFA6

 14FF3B

 AEFFBB

 00FF2A

 C7FFD0

 E1FFE6

 FAFFF8

FFFFFF

Harmonies

Analogous

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



CDF03A



61FF7B



00FFCC

Triad

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



61FF7B



00FFFF



FF99A6

Complementary

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



61FF7B



FF61E5

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.



FF95F7



61FF7B



C0D4FF

Square

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



61FF7B



00FFFF



FFB0FF



FFB760

Rectangle

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



61FF7B



00FFFF



FFB0FF



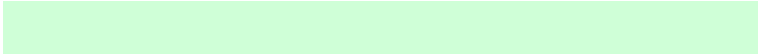
FF94C1

Sweetspot

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



61FF7B



CFFFD7



E7FF61



628067



000000



808080

Same Dimension

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



61FF7B



42FF61



61FFC8



738075



00BF1F



00400A

Inverse Universe

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



FF61E5



FF42E0



FF6198



80737D



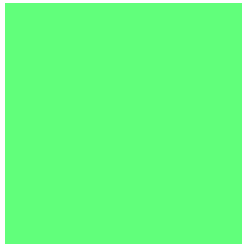
BF00A0



400035

Previews

White Background



This preview shows how the Hex color 61FF7B 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 61FF7B 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

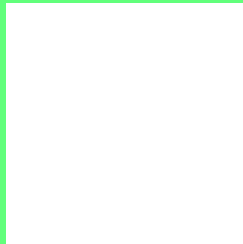
Any Text WCAG AAA ✓ Pass

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

Hex 61FF7B Background



This preview shows how black text looks on a background with the Hex color 61FF7B.

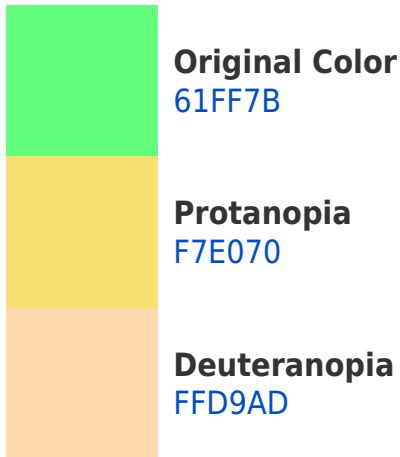


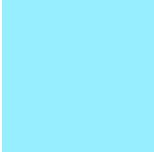
This preview shows how white text looks on a background with the Hex color 61FF7B.

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](#).

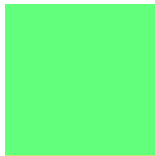
Dichromacy





Tritanopia
96EEFF

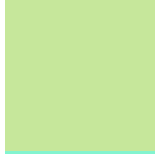
Trichromacy



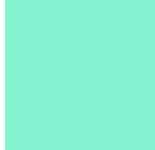
Original Color
61FF7B



Protanomaly
C0EB74



Deuteranomaly
C6E79B

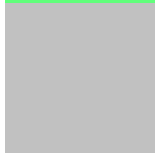


Tritanomaly
83F4CF

Monochromacy



Original Color
61FF7B



Achromatopsia
C1C1C1



Achromatomaly
9ED8A8

CSS Examples

Text

The CSS property to change the color of the text to Hex 61FF7B 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 #61FF7B looks like.

```
.text, #text, p{  
    color:#61FF7B  
}
```

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 #61FF7B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61FF7B  
}
```

Border

The CSS property to change the border of an element to Hex 61FF7B 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  
#61FF7B }
```

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

```
.border{ border-color:#61FF7B }
```

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

Here you see how a box with a 4 pixel #61FF7B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61FF7B; -webkit-box-shadow:4px 4px  
4px 4px #61FF7B; box-shadow:4px 4px 4px  
4px #61FF7B }
```

Background

The CSS property to change the background color of an element to Hex 61FF7B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61FF7B }
```

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

```
.background{ background-color:#61FF7B }
```

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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