

Converting Colors

Hex(61F866)

Have a look what the booklet for
Hex(61F866) contains.

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Color

Hex(61F866)

Conversions

Conversions Part 1

Format	Color
Hex	61F866
RGB	97, 248, 102
RGB Percent	38%, 97%, 40%
CMY	0.6196, 0.0275, 0.6000
CMYK	0.61, 0.00, 0.59, 0.03
HSL	122°, 92%, 68%
HSV	122°, 61%, 97%
XYZ	40.8954, 70.6355, 24.0490
YIQ	186.2070, -43.1300, -77.4180

Conversions

Conversions Part 2

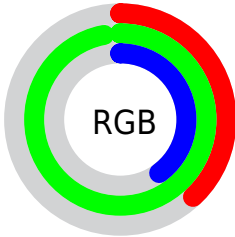
Format	Color
RYB	97, 243, 248
Decimal	6420582
CIELab	87.31, -67.82, 57.22
CIELCh	87, 88.736, 139.846
Yxy	70.6355, 0.3016, 0.5210
Android (android.graphics.Color)	4284610662 (0xFF61F866)
YUV	186.2070, -41.5141, -78.2345
Hunter-Lab	84.0449, -60.2223, 41.8660

Details

The Hex color **61F866** is a light color, and the websafe version is hex **66FF66**. A complement of this color would be **F861F3**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **A1FF9D**, and **00BE2E** is the 20% darker color. If you saturate the color by 10%, you get **48F84E**, and if you desaturate by 10%, it is **7AF87E**.

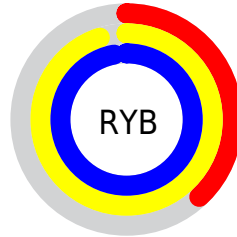
Distribution



Red (38%)

Green (97%)

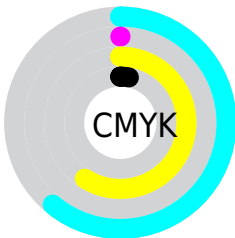
Blue (40%)



Red (38%)

Yellow (95%)

Blue (97%)

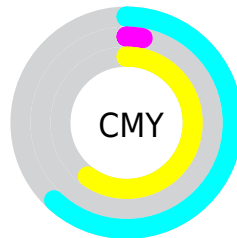


Cyan (61%)

Magenta (0%)

Yellow (59%)

Black (3%)



Cyan (62%)

Magenta (3%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 61F866 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 61F866 by changing the saturation by 10% instead.

 61F866

 61F866

FFFFFF

 3CDB4B

 A1FF9D

 00BE2E

 C0FFB9

 00A209

 DEFFD6

 008700

 F0FFF3

 006C00

 005200

 003A00

 002100

 000000

 61F866

 61F866

 48F84E

 7AF87E

 2FF836

 93F896

 17F81E

 ABF8AE

 00F808

 C4F8C6

 DDF8DE

 F6F8F6

 FFF8FF

Harmonies

Analogous

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



CEE716



61F866



00FFBA

Triad

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



61F866



00EDFF



FF8AA7

Complementary

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



61F866



F861F3

Split Complementary

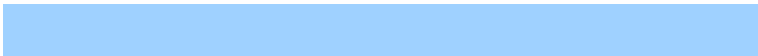
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF8AFB



61F866



9FD1FF

Square

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



61F866



00DFF



FFA9FF



FFA95A

Rectangle

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



61F866



00FFF5



FFAAFF



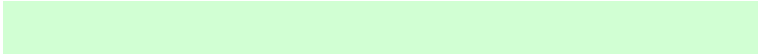
FF85C2

Sweetspot

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



61F866



D1FFD3



F5F861



638064



000000



808080

Same Dimension

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



61F866



45FF4B



61F8AF



707D71



00BD06



003D02

Inverse Universe

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



F861F3



FF45F9



F861AA



7D707D



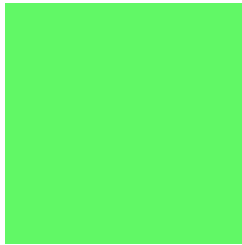
BD00B6



3D003B

Previews

White Background



This preview shows how the Hex color 61F866 looks on a white background.

Color Contrast Check

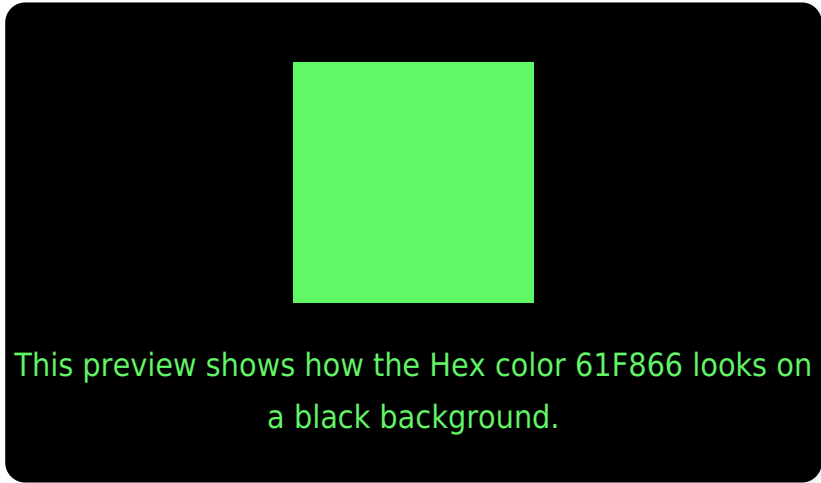
Large Text (above 18pt) WCAG AA × Fail

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

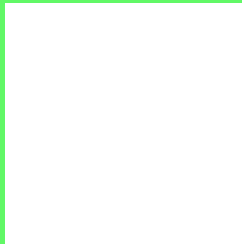
Any Text WCAG AAA ✓ Pass

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

Hex 61F866 Background



This preview shows how black text looks on a background with the Hex color 61F866.

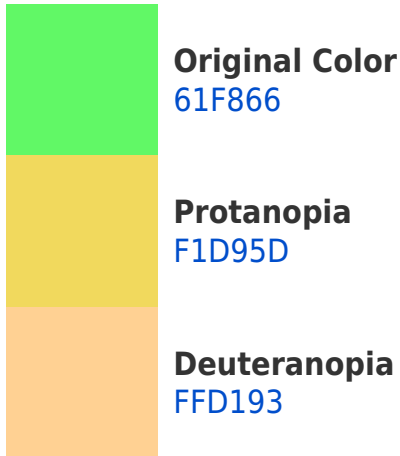


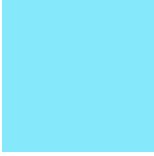
This preview shows how white text looks on a background with the Hex color 61F866.

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



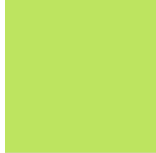


Tritanopia
86E9FB

Trichromacy



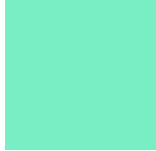
Original Color
61F866



Protanomaly
BDE460

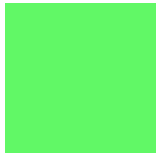


Deuteranomaly
C6DF83

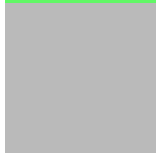


Tritanomaly
79EEC5

Monochromacy



Original Color
61F866



Achromatopsia
BABABA



Achromatomaly
9AD19B

CSS Examples

Text

The CSS property to change the color of the text to Hex 61F866 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 #61F866 looks like.

```
.text, #text, p{  
    color:#61F866  
}
```

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 #61F866 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61F866
}
```

Border

The CSS property to change the border of an element to Hex 61F866 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
#61F866 }
```

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

```
.border{ border-color:#61F866 }
```

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

Here you see how a box with a 4 pixel #61F866 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61F866; -webkit-box-shadow:4px 4px  
4px 4px #61F866; box-shadow:4px 4px 4px  
4px #61F866 }
```

Background

The CSS property to change the background color of an element to Hex 61F866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61F866 }
```

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

```
.background{ background-color:#61F866 }
```

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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