

Converting Colors

Hex(61F579)

Have a look what the booklet for
Hex(61F579) contains.

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Color

Hex(61F579)

Conversions

Conversions Part 1

Format	Color
Hex	61F579
RGB	97, 245, 121
RGB Percent	38%, 96%, 47%
CMY	0.6196, 0.0392, 0.5255
CMYK	0.60, 0.00, 0.51, 0.04
HSL	130°, 88%, 67%
HSV	130°, 60%, 96%
XYZ	41.0334, 69.2267, 29.2886
YIQ	186.6120, -48.4040, -69.9400

Conversions

Conversions Part 2

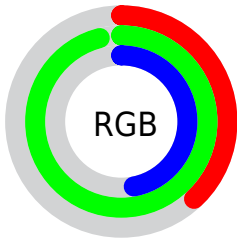
Format	Color
RYB	97, 224, 245
Decimal	6419833
CIELab	86.62, -64.42, 47.82
CIELCh	87, 80.227, 143.412
Yxy	69.2267, 0.2940, 0.4961
Android (android.graphics.Color)	4284609913 (0xFF61F579)
YUV	186.6120, -32.3467, -78.5897
Hunter-Lab	83.2026, -57.5729, 37.3708

Details

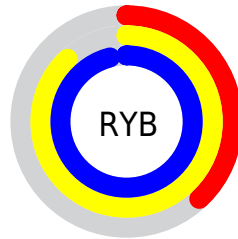
The Hex color **61F579** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **F561DD**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **A0FFAF**, and **00BB45** is the 20% darker color. If you saturate the color by 10%, you get **49F564**, and if you desaturate by 10%, it is **7AF58E**.

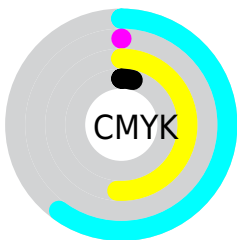
Distribution



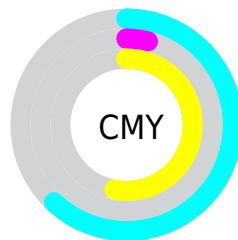
- Red (38%)
- Green (96%)
- Blue (47%)



- Red (38%)
- Yellow (88%)
- Blue (96%)



- Cyan (60%)
- Magenta (0%)
- Yellow (51%)
- Black (4%)



- Cyan (62%)
- Magenta (4%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 61F579 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 61F579 by changing the saturation by 10% instead.

 61F579

 61F579

FFFFFF

 3DD85F

 A0FFAF

 00BB45

 BEFFCC

 00A02A

 DDFFE8

 008409

 FCFFFF

 006A00

 005000

 003800

 001F00

 000000

 61F579

 61F579

 49F564

 7AF58E

 30F550

 92F5A2

 18F53B

 ABF5B7

 00F528

 C3F5CB

 DCF5E0

 F4F5F4

 FFF5FF

Harmonies

Analogous

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



C6E73D



61F579



00FCC5

Triad

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



61F579



00E7FF



FF96A1

Complementary

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



61F579



F561DD

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.



FF92ED



61F579



BBCCFF

Square

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



61F579



00F6FF



FFAAFF



FFB15F

Rectangle

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



61F579



00FDFA



FFAAFF



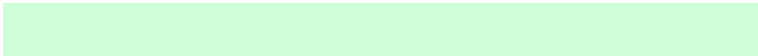
FF91BA

Sweetspot

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



61F579



D1FFD9



DFF561



638068



000000



808080

Same Dimension

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



61F579



47FF65



61F5C1



6E7A70



00BA1E



003B0A

Inverse Universe

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



F561DD



FF47E1



F56195



7A6E78



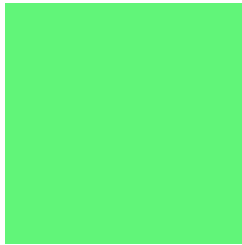
BA009C



3B0031

Previews

White Background



This preview shows how the Hex color 61F579 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

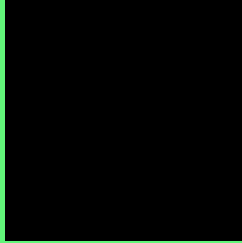
Any Text WCAG AA ✓ Pass

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 61F579 Background



This preview shows how black text looks on a background with the Hex color 61F579.

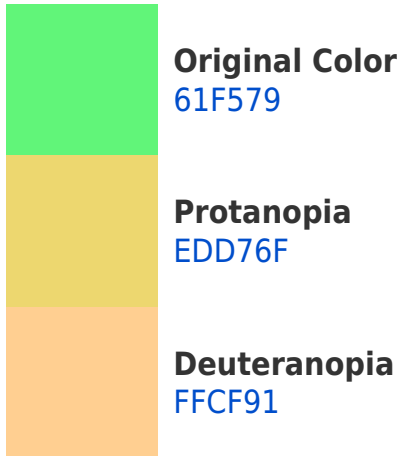


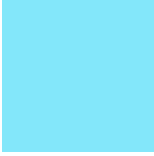
This preview shows how white text looks on a background with the Hex color 61F579.

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



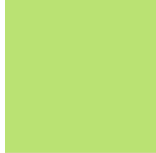


Tritanopia
83E7FA

Trichromacy



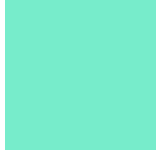
Original Color
61F579



Protanomaly
BAE273

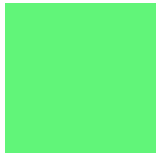


Deuteranomaly
C6DD88

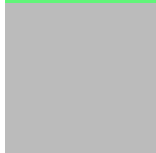


Tritanomaly
77ECCB

Monochromacy



Original Color
61F579



Achromatopsia
BBBBBB



Achromatomaly
9AD0A3

CSS Examples

Text

The CSS property to change the color of the text to Hex 61F579 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 #61F579 looks like.

```
.text, #text, p{  
    color:#61F579  
}
```

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 #61F579 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61F579
}
```

Border

The CSS property to change the border of an element to Hex 61F579 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
#61F579 }
```

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

```
.border{ border-color:#61F579 }
```

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

Here you see how a box with a 4 pixel #61F579 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61F579; -webkit-box-shadow:4px 4px  
4px 4px #61F579; box-shadow:4px 4px 4px  
4px #61F579 }
```

Background

The CSS property to change the background color of an element to Hex 61F579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61F579 }
```

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

```
.background{ background-color:#61F579 }
```

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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