

Converting Colors

Hex(64F179)

Have a look what the booklet for
Hex(64F179) contains.

Hex(64F179)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(64F179)

Conversions

Conversions Part 1

Format	Color
Hex	64F179
RGB	100, 241, 121
RGB Percent	39%, 95%, 47%
CMY	0.6078, 0.0549, 0.5255
CMYK	0.59, 0.00, 0.50, 0.05
HSL	129°, 83%, 67%
HSV	129°, 59%, 95%
XYZ	40.1620, 67.0004, 28.9048
YIQ	185.1610, -45.5160, -67.2120

Conversions

Conversions Part 2

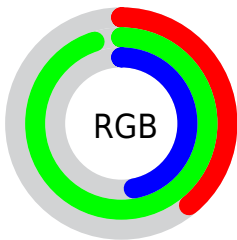
Format	Color
RYB	100, 223, 241
Decimal	6615417
CIELab	85.50, -62.32, 46.47
CIELCh	86, 77.736, 143.289
Yxy	67.0004, 0.2952, 0.4924
Android (android.graphics.Color)	4284805497 (0xFF64F179)
YUV	185.1610, -31.6314, -74.6862
Hunter-Lab	81.8538, -55.6621, 36.3607

Details

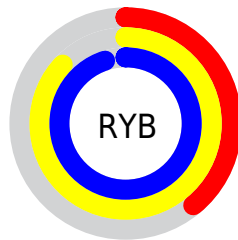
The Hex color **64F179** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **F164DC**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **A2FFAF**, and **10B845** is the 20% darker color. If you saturate the color by 10%, you get **4CF164**, and if you desaturate by 10%, it is **7CF18E**.

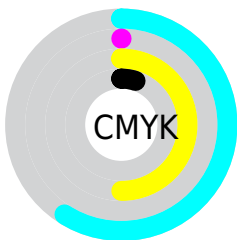
Distribution



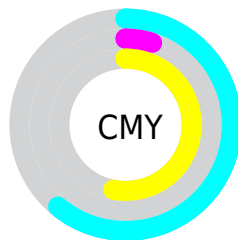
- Red (39%)
- Green (95%)
- Blue (47%)



- Red (39%)
- Yellow (87%)
- Blue (95%)



- Cyan (59%)
- Magenta (0%)
- Yellow (50%)
- Black (5%)



- Cyan (61%)
- Magenta (5%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64F179 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 64F179 by changing the saturation by 10% instead.

 64F179

FFFFFF

 A2FFAF

 C0FFCB

 DEFFE8

FDFFFF

 64F179

 42D45F

 10B845

 009C2B

 00810C

 006700

 004D00

 003600

 001C00

 000000

 64F179

 64F179

 4CF164

 7CF18E

 34F150

 94F1A2

 1CF13B

 ACF1B7

 04F127

 C4F1CB

 00F124

 DCF1E0

 F5F1F4

 FFF1FF

Harmonies

Analogous

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



C4E340



64F179



00F8C2

Triad

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



64F179



00E3FF



FF95A0

Complementary

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



64F179



F164DC

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.



FF92E9



64F179



B9C9FF

Square

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



64F179



00F2FF



FFA9FF



FFAF60

Rectangle

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



64F179



00F9F5



FFA9FF



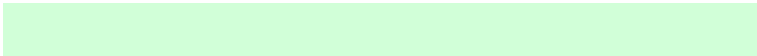
FF91B8

Sweetspot

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



64F179



D1FFD8



DEF164



638068



000000



808080

Same Dimension

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



64F179



4DFF67



64F1BD



6C786E



00B81B



003808

Inverse Universe

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



F164DC



FF4DE4



F16498



786C76



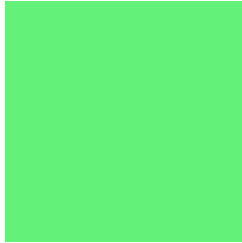
B8009C



380030

Previews

White Background



This preview shows how the Hex color 64F179 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

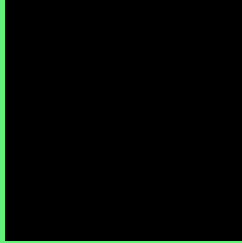
Any Text WCAG AA ✓ Pass

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 64F179 Background



This preview shows how black text looks on a background with the Hex color 64F179.

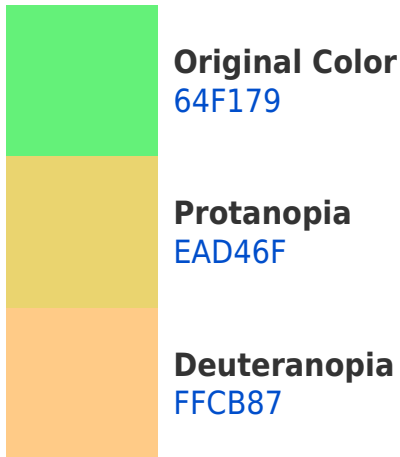


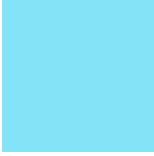
This preview shows how white text looks on a background with the Hex color 64F179.

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
84E3F6

Trichromacy



Original Color
64F179



Protanomaly
B9DF73



Deuteranomaly
C7D982

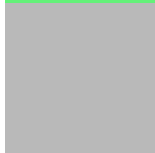


Tritanomaly
78E8C9

Monochromacy



Original Color
64F179



Achromatopsia
B9B9B9



Achromatomaly
9ACDA2

CSS Examples

Text

The CSS property to change the color of the text to Hex 64F179 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 #64F179 looks like.

```
.text, #text, p{  
    color:#64F179  
}
```

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 #64F179 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64F179
}
```

Border

The CSS property to change the border of an element to Hex 64F179 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
#64F179 }
```

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

```
.border{ border-color:#64F179 }
```

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

Here you see how a box with a 4 pixel #64F179 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64F179; -webkit-box-shadow:4px 4px  
4px 4px #64F179; box-shadow:4px 4px 4px  
4px #64F179 }
```

Background

The CSS property to change the background color of an element to Hex 64F179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64F179 }
```

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

```
.background{ background-color:#64F179 }
```

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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