

# Converting Colors

Hex(71F177)

Have a look what the booklet for  
Hex(71F177) contains.

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**Color**

**Hex(71F177)**

# Conversions

## Conversions Part 1

Format	Color
Hex	71F177
RGB	113, 241, 119
RGB Percent	44%, 95%, 47%
CMY	0.5569, 0.0549, 0.5333
CMYK	0.53, 0.00, 0.51, 0.05
HSL	123°, 82%, 69%
HSV	123°, 53%, 95%
XYZ	41.5951, 67.7532, 28.3382
YIQ	188.8200, -37.1260, -65.0780

# Conversions

## Conversions Part 2

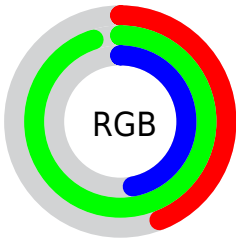
Format	Color
<a href="#">RYB</a>	<a href="#">113, 235, 241</a>
Decimal	<a href="#">7467383</a>
CIELab	<a href="#">85.88, -59.54, 47.97</a>
CIElCh	<a href="#">86, 76.458, 141.144</a>
Yxy	<a href="#">67.7532, 0.3021, 0.4921</a>
Android (android.graphics.Color)	<a href="#">4285657463 (0xFF71F177)</a>
YUV	<a href="#">188.8200, -34.4213, -66.4941</a>
Hunter-Lab	<a href="#">82.3123, -53.8447, 37.2065</a>

# Details

The Hex color **71F177** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **F171EB**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **ADFFAD**, and **2DB843** is the 20% darker color. If you saturate the color by 10%, you get **59F160**, and if you desaturate by 10%, it is **89F18E**.

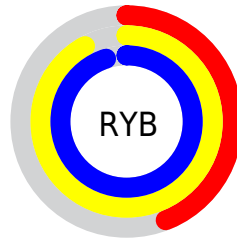
# Distribution



Red (44%)

Green (95%)

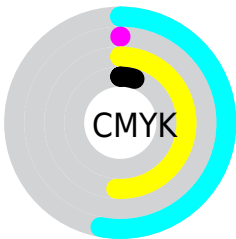
Blue (47%)



Red (44%)

Yellow (92%)

Blue (95%)

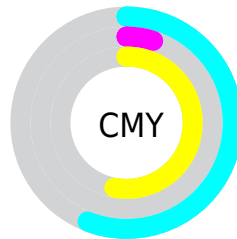


Cyan (53%)

Magenta (0%)

Yellow (51%)

Black (5%)



Cyan (56%)

Magenta (5%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 71F177 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 71F177 by changing the saturation by 10% instead.



 71F177

 71F177

FFFFFF

 52D45D

 ADFFAD

 2DB843

 CBFFC9

 009C28

 E9FFE6

 008106

 006700

 004E00

 003600

 001D00

 000000

 71F177

 71F177

 59F160

 89F18E

 41F149

 A1F1A5

 29F132

 B9F1BC

 11F11B

 D1F1D3

 00F10B

 E9F1EA

 FFF1FF

# Harmonies

## Analogous

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



CBE242



71F177



00F8BE

# Triad

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



71F177



00E5FF



FF97A7

# Complementary

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



71F177



F171EB

# 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.



FF96EF



71F177



B1CCFF

# Square

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



71F177



00F4FF



FFADFF



FFAF67

# Rectangle

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



71F177



00FAF1



FFADFF



FF93BF

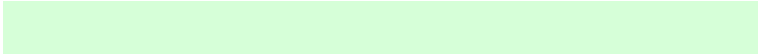


# Sweetspot

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



71F177



D6FFD8



EDF171



678068



000000



808080



# Same Dimension

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



71F177



5CFF63



71F1B5



6C786C



00B809



003803



# Inverse Universe

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



F171EB



FF5CF7



F171AD



786C77



B800AF

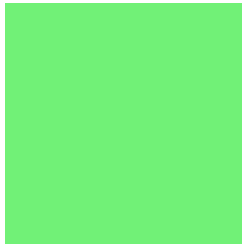


380035



# Previews

## White Background



This preview shows how the Hex color 71F177 looks on a white background.

## Color Contrast Check

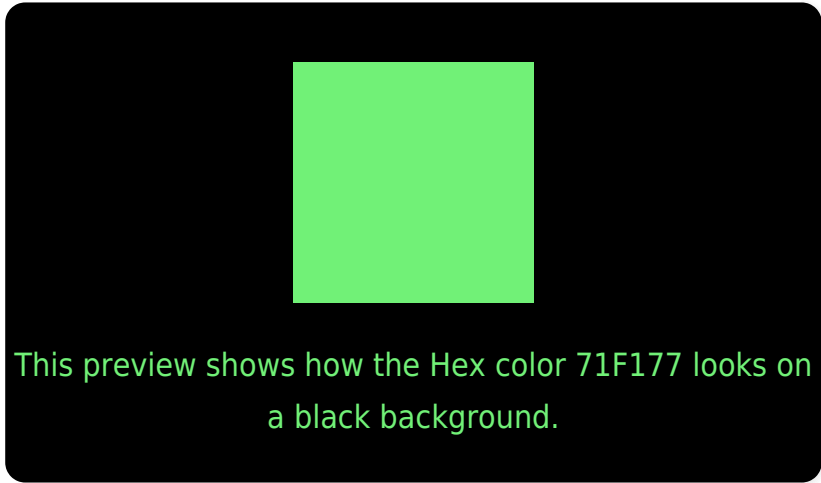
Large Text (above 18pt) WCAG AA × Fail

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 71F177 Background



This preview shows how black text looks on a background with the Hex color 71F177.

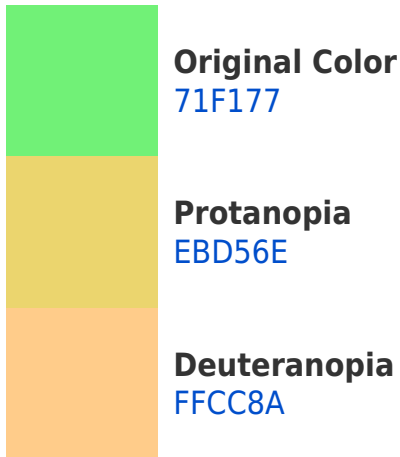


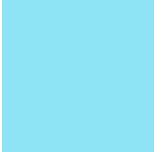
This preview shows how white text looks on a background with the Hex color 71F177.

# 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



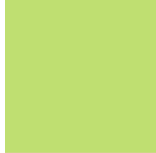


**Tritanopia**  
8EE3F5

# Trichromacy



**Original Color**  
71F177



**Protanomaly**  
BFDF71



**Deuteranomaly**  
CBD983

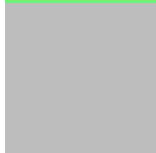


**Tritanomaly**  
83E8C7

# Monochromacy



**Original Color**  
71F177



**Achromatopsia**  
BDBDBD



**Achromatomaly**  
A1D0A4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 71F177 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 #71F177 looks like.

```
.text, #text, p{  
    color:#71F177  
}
```

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 #71F177 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71F177
}
```

## Border

The CSS property to change the border of an element to Hex 71F177 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
#71F177 }
```

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

```
.border{ border-color:#71F177 }
```

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

Here you see how a box with a 4 pixel #71F177 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71F177; -webkit-box-shadow:4px 4px  
4px 4px #71F177; box-shadow:4px 4px 4px  
4px #71F177 }
```

# Background

The CSS property to change the background color of an element to Hex 71F177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71F177 }
```

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

```
.background{ background-color:#71F177 }
```

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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