

# Converting Colors

Hex(71F24D)

Have a look what the booklet for  
Hex(71F24D) contains.

<b>Hex(71F24D)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(71F24D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	71F24D
RGB	113, 242, 77
RGB Percent	44%, 95%, 30%
CMY	0.5569, 0.0510, 0.6980
CMYK	0.53, 0.00, 0.68, 0.05
HSL	107°, 86%, 63%
HSV	107°, 68%, 95%
XYZ	39.9017, 67.5508, 17.9567
YIQ	184.6190, -23.9190, -78.6630

# Conversions

## Conversions Part 2

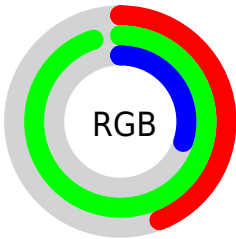
Format	Color
<a href="#">RYB</a>	<a href="#">77, 242, 206</a>
Decimal	<a href="#">7467597</a>
CIELab	<a href="#">85.78, -64.33, 65.81</a>
CIElCh	<a href="#">86, 92.024, 134.348</a>
Yxy	<a href="#">67.5508, 0.3182, 0.5386</a>
Android (android.graphics.Color)	<a href="#">4285657677 (0xFF71F24D)</a>
YUV	<a href="#">184.6190, -53.0562, -62.8099</a>
Hunter-Lab	<a href="#">82.1893, -57.1720, 44.5788</a>

# Details

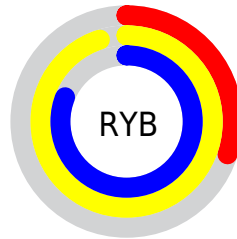
The Hex color **71F24D** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle washed chartreuse. A complement of this color would be **CE4DF2**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **AEFF85**, and **29B900** is the 20% darker color. If you saturate the color by 10%, you get **5EF235**, and if you desaturate by 10%, it is **84F265**.

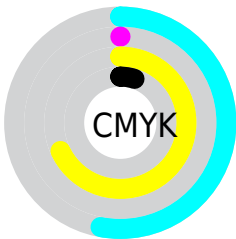
# Distribution



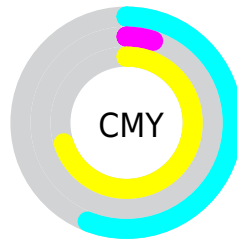
- Red (44%)
- Green (95%)
- Blue (30%)



- Red (30%)
- Yellow (95%)
- Blue (81%)



- Cyan (53%)
- Magenta (0%)
- Yellow (68%)
- Black (5%)



- Cyan (56%)
- Magenta (5%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 71F24D 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 71F24D by changing the saturation by 10% instead.



 71F24D

 71F24D

FFFFFF

 50D52F

 AEFF85

 29B900

 CDFFA2

 009D00

 ECFFBE

 008200

 FFFFDB

 006800

 FFFFF9

 004E00

 003700

 001D00

 000000

 71F24D

 71F24D

 5EF235

 84F265

 4BF21D

 97F27D

 38F204

 AAF296

 35F200

 BDF2AE

 D0F2C6

 E3F2DE

 F5F2F6

 FFF2FF

# Harmonies

## Analogous

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



D9DF00



71F24D



00FCA4

# Triad

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



71F24D



00EDFF



FF7DB0

# Complementary

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



71F24D



CE4DF2

# 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.



FF84FF



71F24D



64D2FF

# Square

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



71F24D



00FBFF



FFABFF



FF9B5F

# Rectangle

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



71F24D



00FEE1



FFABFF



FF7ACD

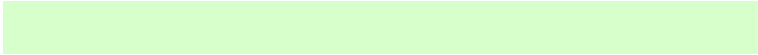


# Sweetspot

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



71F24D



D7FFCC



F2CB4D



688061



000000



808080



# Same Dimension

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



71F24D



5CFF2E



4DF279



6E786C



28B800



0C3800



# Inverse Universe

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



CE4DF2



D12EFF



F24DC6



756C78



9000B8

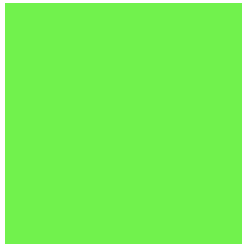


2C0038



# Previews

## White Background



This preview shows how the Hex color 71F24D looks on a white background.

## Color Contrast Check

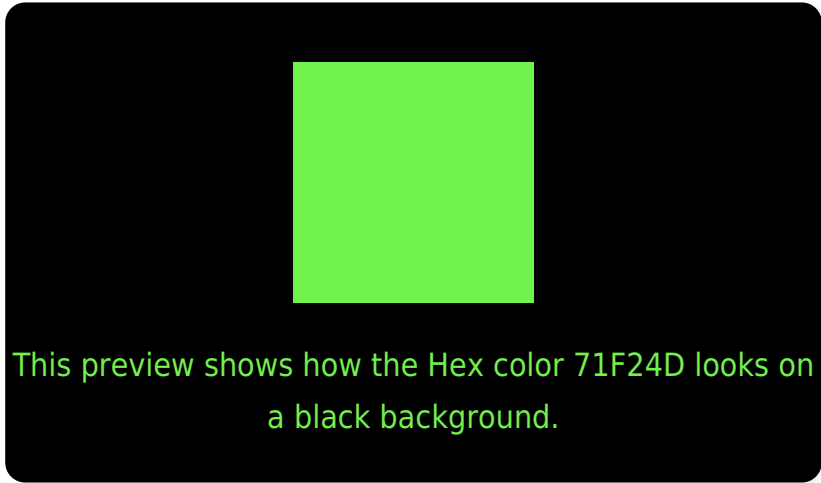
Large Text (above 18pt) WCAG AA × Fail

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

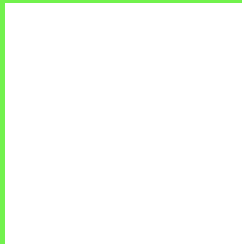
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 71F24D Background



This preview shows how black text looks on a background with the Hex color 71F24D.

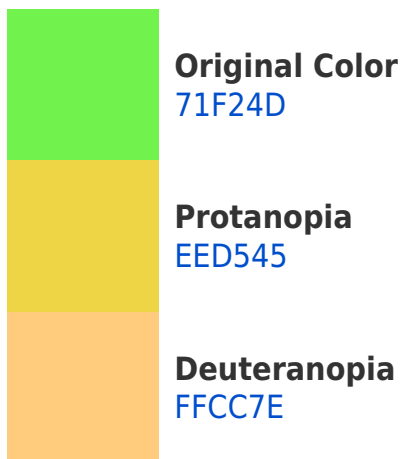


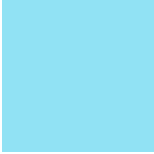
This preview shows how white text looks on a background with the Hex color 71F24D.

# 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](#).

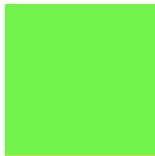
## Dichromacy





**Tritanopia**  
91E2F4

# Trichromacy



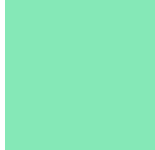
**Original Color**  
71F24D



**Protanomaly**  
C1E048



**Deuteranomaly**  
CBDA6C

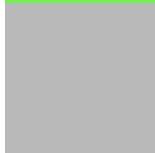


**Tritanomaly**  
85E8B7

# Monochromacy



**Original Color**  
71F24D



**Achromatopsia**  
B9B9B9



**Achromatomaly**  
9FCE92

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 71F24D 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 #71F24D looks like.

```
.text, #text, p{  
    color:#71F24D  
}
```

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 #71F24D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71F24D
}
```

## Border

The CSS property to change the border of an element to Hex 71F24D 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
#71F24D }
```

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

```
.border{ border-color:#71F24D }
```

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

Here you see how a box with a 4 pixel #71F24D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71F24D; -webkit-box-shadow:4px 4px  
4px 4px #71F24D; box-shadow:4px 4px 4px  
4px #71F24D }
```

# Background

The CSS property to change the background color of an element to Hex 71F24D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71F24D }
```

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

```
.background{ background-color:#71F24D }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor