

Converting Colors

Hex(71F248)

Have a look what the booklet for
Hex(71F248) contains.

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Color

Hex(71F248)

Conversions

Conversions Part 1

Format	Color
Hex	71F248
RGB	113, 242, 72
RGB Percent	44%, 95%, 28%
CMY	0.5569, 0.0510, 0.7176
CMYK	0.53, 0.00, 0.70, 0.05
HSL	106°, 87%, 62%
HSV	106°, 70%, 95%
XYZ	39.7319, 67.4829, 17.0623
YIQ	184.0490, -22.3140, -80.2180

Conversions

Conversions Part 2

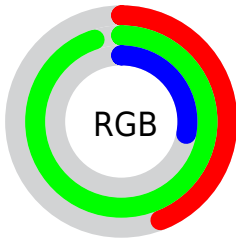
Format	Color
RYB	72, 242, 201
Decimal	7467592
CIELab	85.75, -64.71, 67.60
CIELCh	86, 93.580, 133.749
Yxy	67.4829, 0.3197, 0.5430
Android (android.graphics.Color)	4285657672 (0xFF71F248)
YUV	184.0490, -55.2402, -62.3100
Hunter-Lab	82.1479, -57.4252, 45.1889

Details

The Hex color **71F248** 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 **C948F2**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **AFFF81**, and **29B900** is the 20% darker color. If you saturate the color by 10%, you get **5FF230**, and if you desaturate by 10%, it is **83F260**.

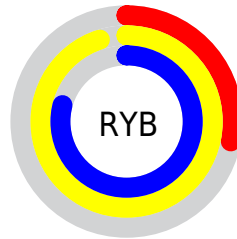
Distribution



Red (44%)

Green (95%)

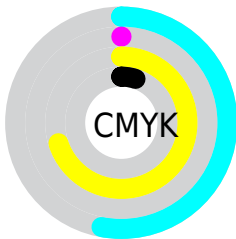
Blue (28%)



Red (28%)

Yellow (95%)

Blue (79%)

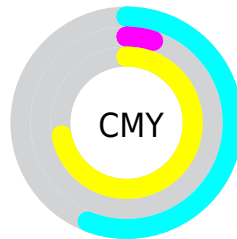


Cyan (53%)

Magenta (0%)

Yellow (70%)

Black (5%)



Cyan (56%)

Magenta (5%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 71F248 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 71F248 by changing the saturation by 10% instead.

 71F248

 71F248

FFFFFF

 50D528

 AFFF81

 29B900

 CDFF9D

 009D00

 ECFFBA

 008200

 FFFFD7

 006800

 FFFFF5


 004E00

 003700

 001C00

 000000

 71F248

 71F248

 5FF230

 83F260

 4CF218

 96F278

 3AF200

 A8F291

 BAF2A9

 CDF2C1

 DFF2D9

 F2F2F1

 FFF2FF

Harmonies

Analogous

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



DADF00



71F248



00FCA1

Triad

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



71F248



00EEFF



FF79B1

Complementary

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



71F248



C948F2

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.



FF83FF



71F248



55D3FF

Square

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



71F248



00FBFF



FFABFF



FF995E

Rectangle

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



71F248



00FFDF



FFABFF



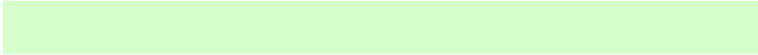
FF77CF

Sweetspot

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



71F248



D6FFC9



F2C748



678060



000000



808080

Same Dimension

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



71F248



5CFF29



48F272



6F786C



2CB800



0E3800

Inverse Universe

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



C948F2



CB29FF



F248C7



756C78



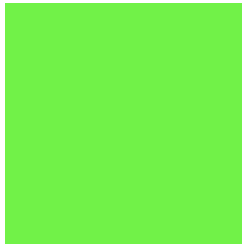
8B00B8



2B0038

Previews

White Background



This preview shows how the Hex color 71F248 looks on a white background.

Color Contrast Check

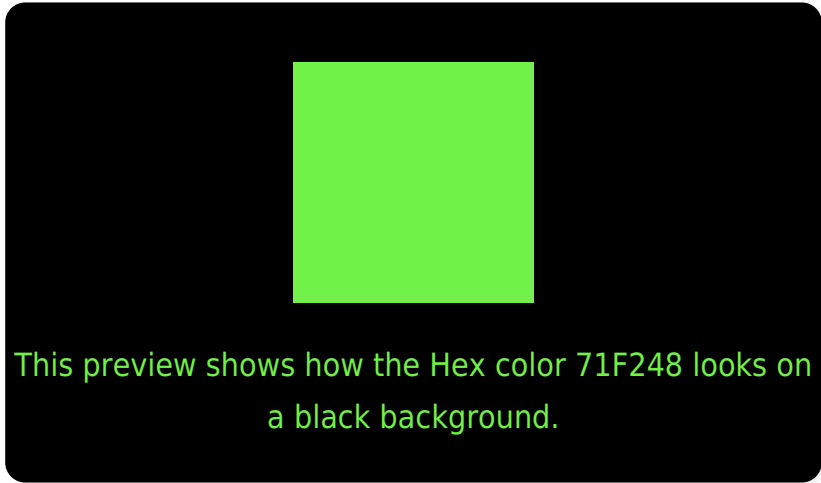
Large Text (above 18pt) WCAG AA × Fail

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

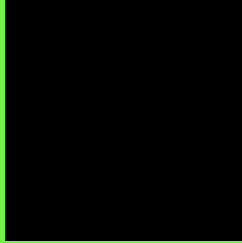
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

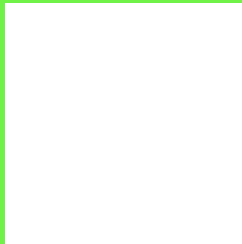
Any Text WCAG AAA ✓ Pass

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

Hex 71F248 Background



This preview shows how black text looks on a background with the Hex color 71F248.

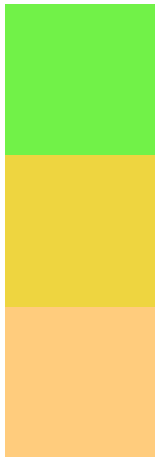


This preview shows how white text looks on a background with the Hex color 71F248.

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](#).

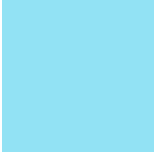
Dichromacy



Original Color
71F248

Protanopia
EED540

Deuteranopia
FFCC7D



Tritanopia
92E2F4

Trichromacy



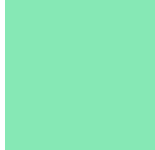
Original Color
71F248



Protanomaly
C1E043



Deuteranomaly
CBDA6A

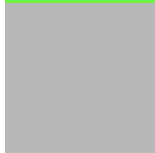


Tritanomaly
86E8B5

Monochromacy



Original Color
71F248



Achromatopsia
B8B8B8



Achromatomaly
9ECD8F

CSS Examples

Text

The CSS property to change the color of the text to Hex 71F248 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 #71F248 looks like.

```
.text, #text, p{  
    color:#71F248  
}
```

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 #71F248 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71F248
}
```

Border

The CSS property to change the border of an element to Hex 71F248 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
#71F248 }
```

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

```
.border{ border-color:#71F248 }
```

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

Here you see how a box with a 4 pixel #71F248 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71F248; -webkit-box-shadow:4px 4px  
4px 4px #71F248; box-shadow:4px 4px 4px  
4px #71F248 }
```

Background

The CSS property to change the background color of an element to Hex 71F248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71F248 }
```

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

```
.background{ background-color:#71F248 }
```

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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