

# Converting Colors

Hex(72F881)

Have a look what the booklet for  
Hex(72F881) contains.

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**Color**

**Hex(72F881)**

# Conversions

## Conversions Part 1

Format	Color
Hex	72F881
RGB	114, 248, 129
RGB Percent	45%, 97%, 51%
CMY	0.5529, 0.0275, 0.4941
CMYK	0.54, 0.00, 0.48, 0.03
HSL	127°, 91%, 71%
HSV	127°, 54%, 97%
XYZ	44.4693, 72.2972, 32.3799
YIQ	194.3680, -41.6650, -65.4170

# Conversions

## Conversions Part 2

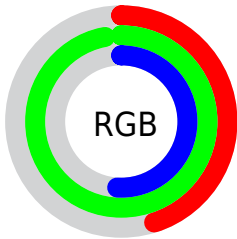
Format	Color
<a href="#">RYB</a>	<a href="#">114, 235, 248</a>
Decimal	<a href="#">7534721</a>
CIELab	<a href="#">88.11, -60.60, 46.01</a>
CIELCh	<a href="#">88, 76.082, 142.793</a>
Yxy	<a href="#">72.2972, 0.2982, 0.4847</a>
Android (android.graphics.Color)	<a href="#">4285724801 (0xFF72F881)</a>
YUV	<a href="#">194.3680, -32.2264, -70.4827</a>
Hunter-Lab	<a href="#">85.0278, -55.4436, 36.9409</a>

# Details

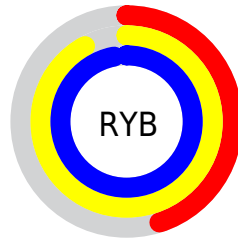
The Hex color **72F881** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **F872E9**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **AEFFB8**, and **2DBE4D** is the 20% darker color. If you saturate the color by 10%, you get **59F86B**, and if you desaturate by 10%, it is **8BF897**.

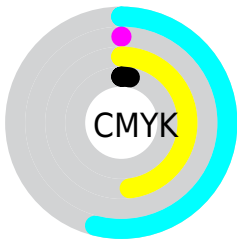
# Distribution



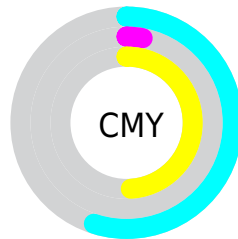
- Red (45%)
- Green (97%)
- Blue (51%)



- Red (45%)
- Yellow (92%)
- Blue (97%)



- Cyan (54%)
- Magenta (0%)
- Yellow (48%)
- Black (3%)



- Cyan (55%)
- Magenta (3%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 72F881 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 72F881 by changing the saturation by 10% instead.



 72F881

 72F881

FFFFFF

 52DB67


 AEFFB8

 2DBE4D

 CDFFD4

 00A333

 EBFFF1

 008717

 006D00

 005300

 003B00

 002300

 000000

 72F881

 72F881

 59F86B

 8BF897

 40F855

 A4F8AD

 28F83F

 BCF8C3

 0FF829

 D5F8D9

 00F81C

 EEF8EF

 FFF8FF

# Harmonies

## Analogous

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



CEEA4C



72F881



00FFC8

# Triad

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



72F881



00EAFB



FF9FA9

# Complementary

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



72F881



F872E9

# 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.



FF9CF2



72F881



C0D1FF

# Square

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



72F881



00FAFF



FFB2FF



FFB76B

# Rectangle

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



72F881



00FFFB



FFB2FF



FF9BC1

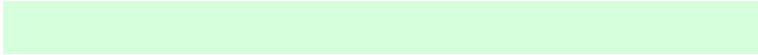


# Sweetspot

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



72F881



D6FFDB



EBF872



67806A



000000



808080



# Same Dimension

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



72F881



59FF6C



72F8C2



707D72



00BD15



003D07



# Inverse Universe

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



F872E9



FF59EC



F872A8



7D707C



BD00A8

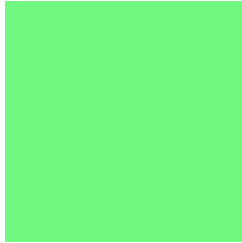


3D0036



# Previews

## White Background



This preview shows how the Hex color 72F881 looks on a white background.

## Color Contrast Check

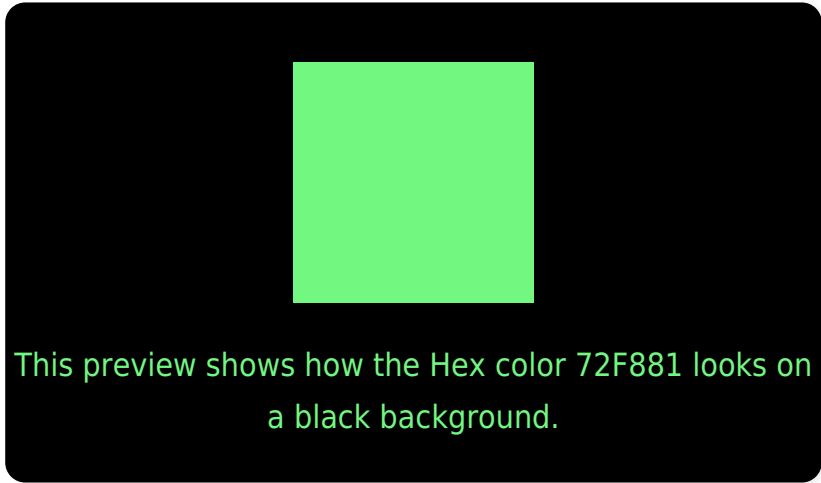
Large Text (above 18pt) WCAG AA × Fail

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

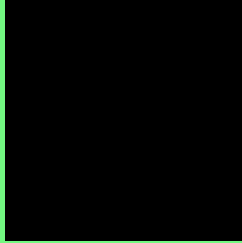
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

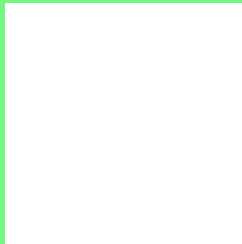
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 72F881 Background



This preview shows how black text looks on a background with the Hex color 72F881.

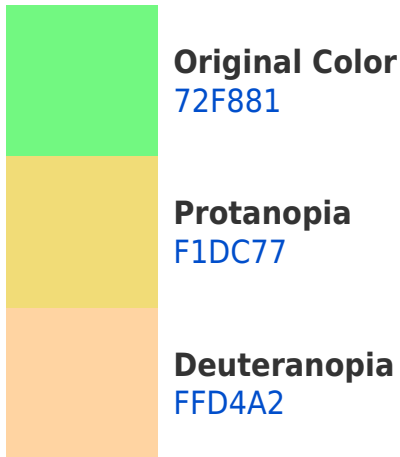


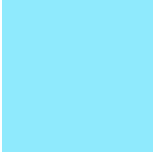
This preview shows how white text looks on a background with the Hex color 72F881.

# 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



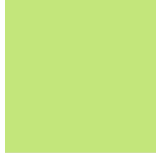


**Tritanopia**  
8FEAFD

# Trichromacy



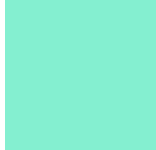
**Original Color**  
72F881



**Protanomaly**  
C3E67B

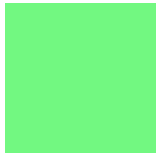


**Deuteranomaly**  
CCE196

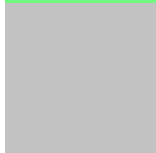


**Tritanomaly**  
84EFD0

# Monochromacy



**Original Color**  
72F881



**Achromatopsia**  
C2C2C2



**Achromatomaly**  
A5D6AA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 72F881 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 #72F881 looks like.

```
.text, #text, p{  
    color:#72F881  
}
```

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 #72F881 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72F881
}
```

## Border

The CSS property to change the border of an element to Hex 72F881 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
#72F881 }
```

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

```
.border{ border-color:#72F881 }
```

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

Here you see how a box with a 4 pixel #72F881 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72F881; -webkit-box-shadow:4px 4px  
4px 4px #72F881; box-shadow:4px 4px 4px  
4px #72F881 }
```

# Background

The CSS property to change the background color of an element to Hex 72F881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72F881 }
```

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

```
.background{ background-color:#72F881 }
```

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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