

# Converting Colors

Hex(72C8EF)

Have a look what the booklet for  
Hex(72C8EF) contains.

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# **Color**

**Hex(72C8EF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	72C8EF
RGB	114, 200, 239
RGB Percent	45%, 78%, 94%
CMY	0.5529, 0.2157, 0.0627
CMYK	0.52, 0.16, 0.00, 0.06
HSL	199°, 80%, 69%
HSV	199°, 52%, 94%
XYZ	43.1737, 51.1180, 89.2526
YIQ	178.7320, -63.7750, -6.1030

# Conversions

## Conversions Part 2

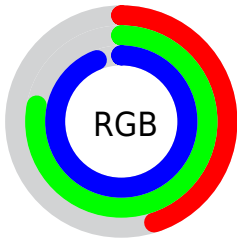
<b>Format</b>	<b>Color</b>
<b>RYB</b>	114, 165, 239
Decimal	7522543
CIELab	76.75, -15.43, -27.26
CIElCh	77, 31.327, 240.485
Yxy	51.1180, 0.2352, 0.2785
Android (android.graphics.Color)	4285712623 (0xFF72C8EF)
YUV	178.7320, 29.7121, -56.7700
Hunter-Lab	71.4968, -17.3314, -23.9665

# Details

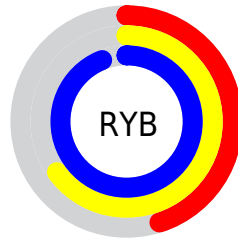
The Hex color **72C8EF** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **EF9972**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **ADFFFF**, and **3292B7** is the 20% darker color. If you saturate the color by 10%, you get **5AC1EF**, and if you desaturate by 10%, it is **8ACFEF**.

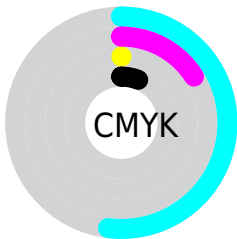
# Distribution



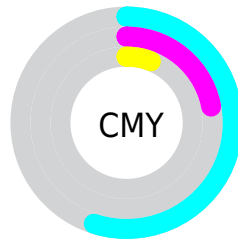
- Red (45%)
- Green (78%)
- Blue (94%)



- Red (45%)
- Yellow (65%)
- Blue (94%)



- Cyan (52%)
- Magenta (16%)
- Yellow (0%)
- Black (6%)



- Cyan (55%)
- Magenta (22%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 72C8EF 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 72C8EF by changing the saturation by 10% instead.



 72C8EF

 72C8EF

FFFFFF

 54ADD3

 ADFFFF

 3292B7

 CAFFFF

 00789C

 E8FFFF

 005F82

 004869

 003150

 001D39

 000223

 00000B

 72C8EF

 72C8EF

 5AC1EF

 8ACFEF

 42B9EF

 A2D7EF

 2AB2EF

 BADEEF

 12AAEF

 D2E6EF

 00A4EF

 EAEDEF

 FFF5EF

 FFFCEF

 FFFFFEF

# Harmonies

## Analogous

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



62CDDA



72C8EF



99C0F7

# Triad

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



72C8EF



F5A8BE



B3C58B

# Complementary

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



72C8EF



EF9972

# 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.



D2BC83



72C8EF



F7AAA1

# Square

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



72C8EF



E3ADDA



EAB28C



91CBA0

# Rectangle

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



72C8EF



B5B9F3



EAB28C



BDC287

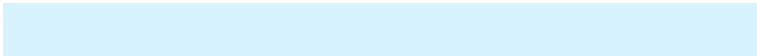


# Sweetspot

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



72C8EF



D6F2FF



72EF98



677880



000000



808080



# Same Dimension

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



72C8EF



5ECDFF



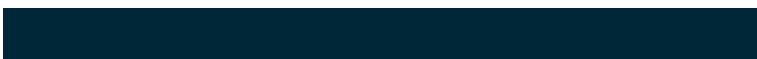
728BEF



6C7478



007EB8



002738



# Inverse Universe

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



EF72C8



FF5ECD



EFD672



786C74



B8007E

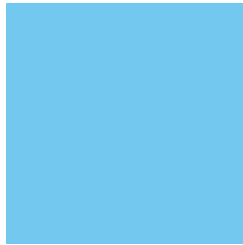


380027



# Previews

## White Background



This preview shows how the Hex color 72C8EF looks on a white background.

## Color Contrast Check

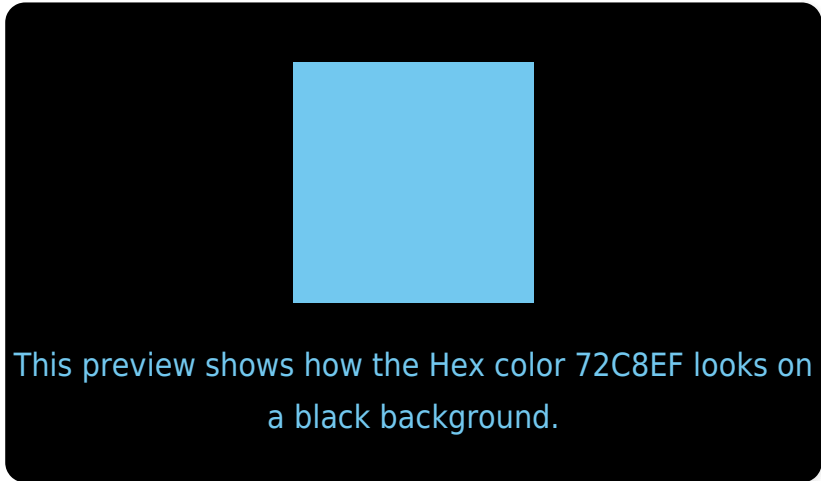
Large Text (above 18pt) WCAG AA × Fail

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 72C8EF Background



This preview shows how black text looks on a background with the Hex color 72C8EF.

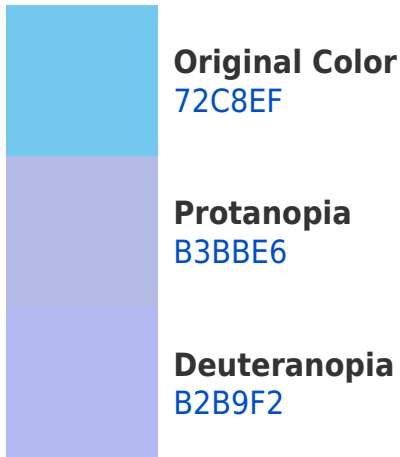


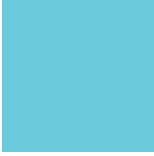
This preview shows how white text looks on a background with the Hex color 72C8EF.

# Color Blindness Simulation

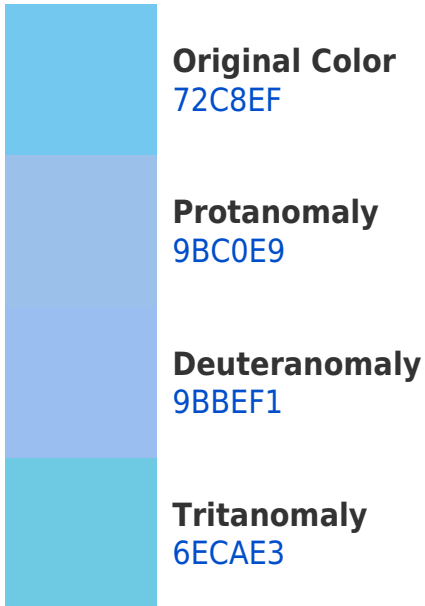
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 72C8EF 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 #72C8EF looks like.

```
.text, #text, p{  
    color:#72C8EF  
}
```

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 #72C8EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72C8EF
}
```

## Border

The CSS property to change the border of an element to Hex 72C8EF 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
#72C8EF }
```

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

```
.border{ border-color:#72C8EF }
```

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

Here you see how a box with a 4 pixel #72C8EF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72C8EF; -webkit-box-shadow:4px 4px  
4px 4px #72C8EF; box-shadow:4px 4px 4px  
4px #72C8EF }
```

# Background

The CSS property to change the background color of an element to Hex 72C8EF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72C8EF }
```

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

```
.background{ background-color:#72C8EF }
```

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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