

# Converting Colors

Hex(72E5FF)

Have a look what the booklet for  
Hex(72E5FF) contains.

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# **Color**

**Hex(72E5FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	72E5FF
RGB	114, 229, 255
RGB Percent	45%, 90%, 100%
CMY	0.5529, 0.1020, 0.0000
CMYK	0.55, 0.10, 0.00, 0.00
HSL	191°, 100%, 72%
HSV	191°, 55%, 100%
XYZ	53.0087, 66.8360, 104.7145
YIQ	197.5790, -76.8860, -16.2940

# Conversions

## Conversions Part 2

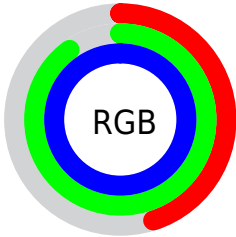
Format	Color
<a href="#">RYB</a>	<a href="#">114, 177, 255</a>
Decimal	<a href="#">7529983</a>
CIELab	<a href="#">85.42, -25.59, -22.55</a>
CIElCh	<a href="#">85, 34.111, 221.383</a>
Yxy	<a href="#">66.8360, 0.2361, 0.2976</a>
Android (android.graphics.Color)	<a href="#">4285720063</a> ( <a href="#">0xFF72E5FF</a> )
YUV	<a href="#">197.5790, 28.3086, -73.2988</a>
Hunter-Lab	<a href="#">81.7533, -27.3291, -18.7149</a>

# Details

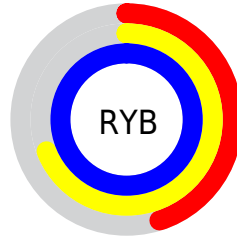
The Hex color **72E5FF** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **FF8C72**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **AFFFFFFF**, and **2AADC6** is the 20% darker color. If you saturate the color by 10%, you get **59E0FF**, and if you desaturate by 10%, it is **8CEAFF**.

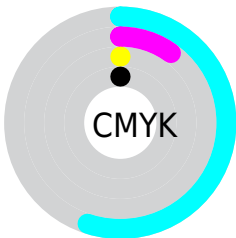
# Distribution



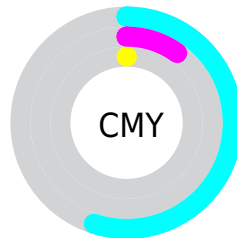
- Red (45%)
- Green (90%)
- Blue (100%)



- Red (45%)
- Yellow (69%)
- Blue (100%)



- Cyan (55%)
- Magenta (10%)
- Yellow (0%)
- Black (0%)



- Cyan (55%)
- Magenta (10%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 72E5FF 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 72E5FF by changing the saturation by 10% instead.



 72E5FF

 72E5FF

FFFFFF

 51C9E2

 AFFFFFF

 2AADC6

 CEFFFF

 0093AB

 ECFFFF

 007990

 005F77

 00475E

 003046

 001D30

 00011B

 72E5FF

 72E5FF

 59E0FF

 8CEAFF

 3FDCFF

 A5EEFF

 25D7FF

 BFF3FF

 0CD2FF

 D8F8FF

 00D0FF

 F2FDFF

FFFFFF

# Harmonies

## Analogous

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



78E7E1



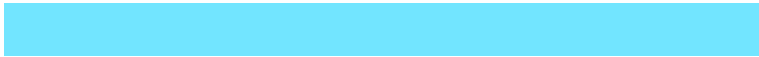
72E5FF



90DEFF

# Triad

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



72E5FF



FFC0EB



E0D796

# Complementary

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



72E5FF



FF8C72

# 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.



FECD99



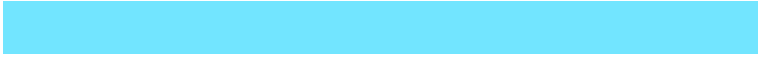
72E5FF



FFBECA

# Square

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



72E5FF



EAC9FF



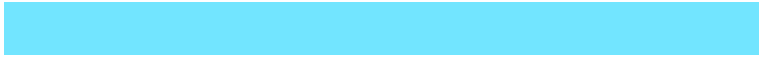
FFC3AC



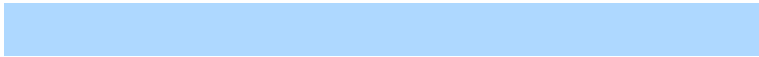
BCE0A4

# Rectangle

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



72E5FF



AED8FF



FFC3AC



EBD495

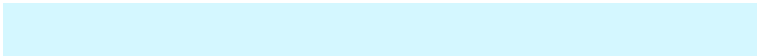


# Sweetspot

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



72E5FF



D4F7FF



72FF8C



667B80



000000



808080



# Same Dimension

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



72E5FF



57E0FF



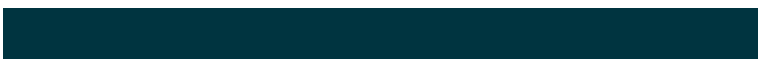
729FFF



737D80



009CBF



003440



# Inverse Universe

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



FF72E5



FF57E0



FFD272



80737D



BF009C

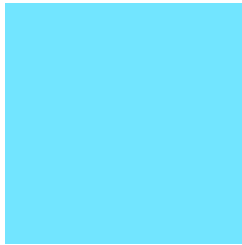


400034



# Previews

## White Background



This preview shows how the Hex color 72E5FF looks on a white background.

## Color Contrast Check

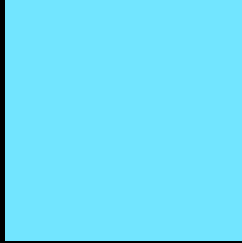
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 72E5FF looks on a 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 72E5FF Background



This preview shows how black text looks on a background with the Hex color 72E5FF.

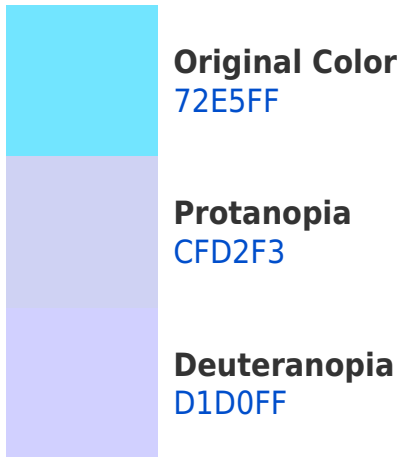


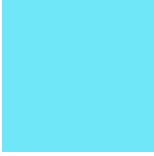
This preview shows how white text looks on a background with the Hex color 72E5FF.

# 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](#).

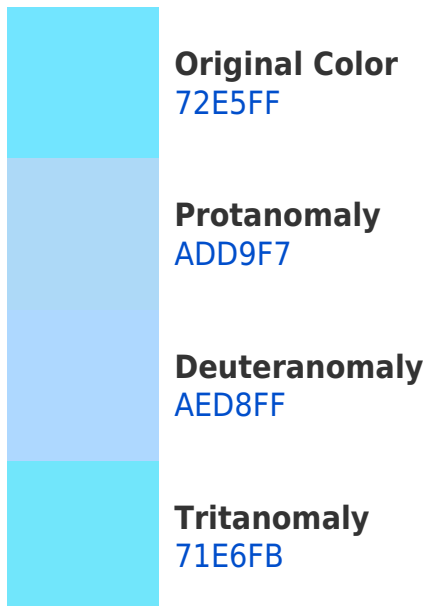
## Dichromacy



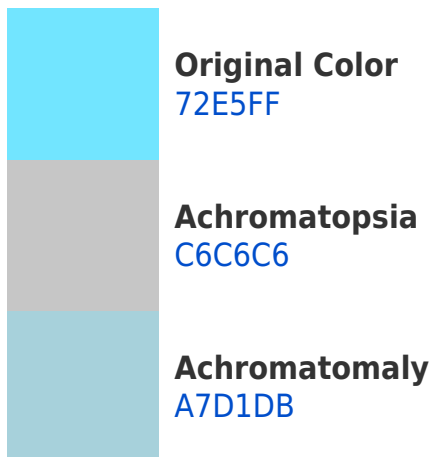


**Tritanopia**  
70E6F9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 72E5FF 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 #72E5FF looks like.

```
.text, #text, p{  
    color:#72E5FF  
}
```

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 #72E5FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72E5FF
}
```

## Border

The CSS property to change the border of an element to Hex 72E5FF 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
#72E5FF }
```

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

```
.border{ border-color:#72E5FF }
```

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

Here you see how a box with a 4 pixel #72E5FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72E5FF; -webkit-box-shadow:4px 4px  
4px 4px #72E5FF; box-shadow:4px 4px 4px  
4px #72E5FF }
```

# Background

The CSS property to change the background color of an element to Hex 72E5FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72E5FF }
```

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

```
.background{ background-color:#72E5FF }
```

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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