

# Converting Colors

Hex(72EFDF)

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

<b>Hex(72EFDF)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(72EFDf)**

# Conversions

## Conversions Part 1

Format	Color
Hex	72EFD9
RGB	114, 239, 223
RGB Percent	45%, 94%, 87%
CMY	0.5529, 0.0627, 0.1255
CMYK	0.52, 0.00, 0.07, 0.06
HSL	172°, 80%, 69%
HSV	172°, 52%, 94%
XYZ	51.1252, 70.6381, 80.7520
YIQ	199.8010, -69.3640, -31.4760

# Conversions

## Conversions Part 2

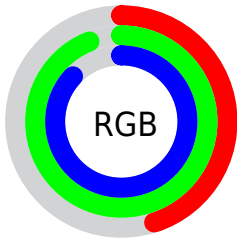
Format	Color
<a href="#">RYB</a>	<a href="#">114, 181, 239</a>
Decimal	<a href="#">7532511</a>
CIELab	<a href="#">87.31, -38.66, -2.92</a>
CIELCh	<a href="#">87, 38.774, 184.312</a>
Yxy	<a href="#">70.6381, 0.2525, 0.3488</a>
Android (android.graphics.Color)	<a href="#">4285722591</a> ( <a href="#">0xFF72EFDf</a> )
YUV	<a href="#">199.8010, 11.4371, -75.2475</a>
Hunter-Lab	<a href="#">84.0465, -38.5004, 1.8666</a>

# Details

The Hex color **72EFDf** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **EF7282**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **AEFFFF**, and **2EB6A8** is the 20% darker color. If you saturate the color by 10%, you get **5AEFDC**, and if you desaturate by 10%, it is **8AEFE2**.

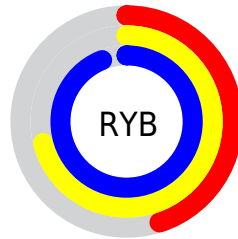
# Distribution



Red (45%)

Green (94%)

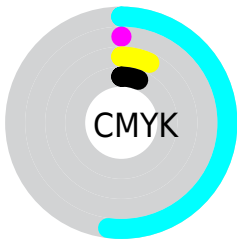
Blue (87%)



Red (45%)

Yellow (71%)

Blue (94%)

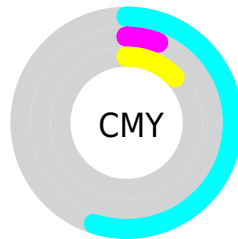


Cyan (52%)

Magenta (0%)

Yellow (7%)

Black (6%)



Cyan (55%)

Magenta (6%)

Yellow (13%)

# Brightness & Saturation Gradients

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



 72EFDf

 72EFDf

FFFFFF

 53D2C3

 AEFFFF

 2EB6A8

 CCFFFF

 009B8E

 EAFFFF

 008174

 00675C

 004E44

 00362E

 002219

 000000

 72EFDf

 72EFDf

 5AEFDc

 8AEFE2

 42EFD9

 A2EFE5

 2AEFD6

 BAEFE8

 12EFD3

 D2EFEB

 00EFD0

 EAEFEE

 FFEFF1

 FFEFF4

 FFEFF7

 FFEFFB

# Harmonies

## Analogous

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



9CECBA



72EFDf



5DEDFF

# Triad

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



72EFDf



E7CFFf



FFCE99

# Complementary

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



72EFDf



Ef7282

# 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.



FFC3B3



72EFDf



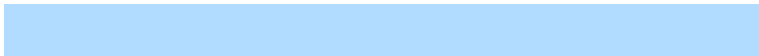
FFC4FB

# Square

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



72EFD7



B1DCFF



FFBFD7



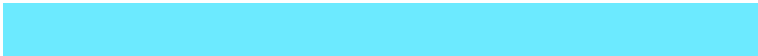
EFDA91

# Rectangle

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



72EFD7



6CEAFF



FFBFD7



FFCAA0



# Sweetspot

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



72EFDf



D6FFFA



83EF72



67807C



000000



808080



# Same Dimension

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



72EFDf



5EFFEA



72C1EF



6C7876



00B8A0



003831



# Inverse Universe

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



EF7282



FF5E73



EFA072



786C6D



B80018

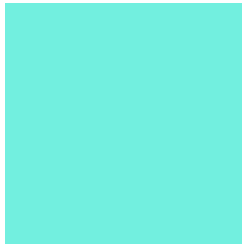


380007



# Previews

## White Background



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

## Color Contrast Check

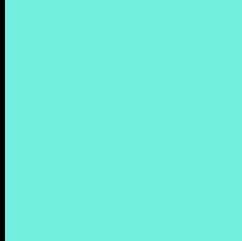
Large Text (above 18pt) WCAG AA × Fail

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 72EFD9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

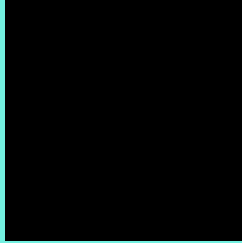
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 72EFDF Background



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



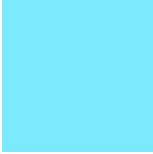
This preview shows how white text looks on a background with the Hex color 72EFDF.

# 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**  
7CEAFD

# Trichromacy



**Original Color**  
72EFD7



**Protanomaly**  
B7E0D7



**Deuteranomaly**  
BEDDE3

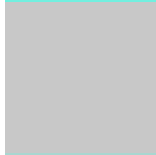


**Tritanomaly**  
78ECF2

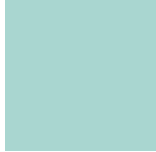
# Monochromacy



**Original Color**  
72EFD7



**Achromatopsia**  
C8C8C8



**Achromatomaly**  
A9D6D0

# CSS Examples

## Text

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

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

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 #72EFDf colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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