

# Converting Colors

Hex(72F7DC)

Have a look what the booklet for  
Hex(72F7DC) contains.

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**Color**

**Hex(72F7DC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	72F7DC
RGB	114, 247, 220
RGB Percent	45%, 97%, 86%
CMY	0.5529, 0.0314, 0.1373
CMYK	0.54, 0.00, 0.11, 0.03
HSL	168°, 89%, 71%
HSV	168°, 54%, 97%
XYZ	53.1185, 75.2662, 79.4383
YIQ	204.1550, -70.6010, -36.5930

# Conversions

## Conversions Part 2

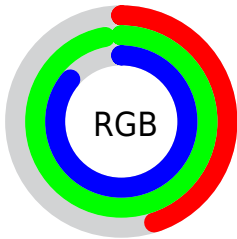
Format	Color
<a href="#">RYB</a>	<a href="#">114, 188, 247</a>
Decimal	<a href="#">7534556</a>
CIELab	<a href="#">89.52, -42.97, 1.88</a>
CIELCh	<a href="#">90, 43.008, 177.495</a>
Yxy	<a href="#">75.2662, 0.2556, 0.3622</a>
Android (android.graphics.Color)	<a href="#">4285724636</a> ( <a href="#">0xFF72F7DC</a> )
YUV	<a href="#">204.1550, 7.8116, -79.0659</a>
Hunter-Lab	<a href="#">86.7561, -42.5324, 6.4403</a>

# Details

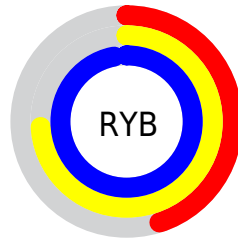
The Hex color **72F7DC** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **F7728D**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **AFFFFFF**, and **2CBEA5** is the 20% darker color. If you saturate the color by 10%, you get **59F7D7**, and if you desaturate by 10%, it is **8BF7E1**.

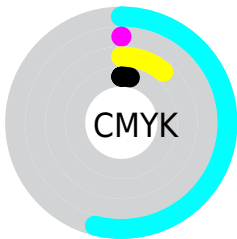
# Distribution



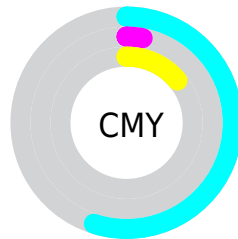
- Red (45%)
- Green (97%)
- Blue (86%)



- Red (45%)
- Yellow (74%)
- Blue (97%)



- Cyan (54%)
- Magenta (0%)
- Yellow (11%)
- Black (3%)



- Cyan (55%)
- Magenta (3%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 72F7DC 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 72F7DC by changing the saturation by 10% instead.



 72F7DC

 72F7DC

FFFFFF

 52DAC0

 AFFFFFF

 2CBEA5

 CDFFFF

 00A28B

 EBFFFF

 008871

 006E59

 005442

 003C2C

 002717

 000000

 72F7DC

 72F7DC

 59F7D7

 8BF7E1

 41F7D2

 A3F7E6

 28F7CD

 BCF7EB

 0FF7C8

 D5F7F0

 00F7C5

 EEF7F5

 FFF7FA

 FFF7FF

# Harmonies

## Analogous

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



A5F3B4



72F7DC



4AF6FF

# Triad

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



72F7DC



E1D8FF



FFCF9D

# Complementary

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



72F7DC



F7728D

# 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.



FFC4BD



72F7DC



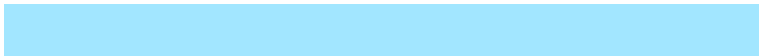
FFCAFF

# Square

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



72F7DC



A2E6FF



FFC2E6



FFDD8F

# Rectangle

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



72F7DC



51F3FF



FFC2E6



FFCBA6

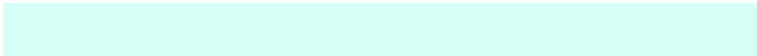


# Sweetspot

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



72F7DC



D6FFF7



8FF772



67807B



000000



808080



# Same Dimension

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



72F7DC



59FFDD



72D1F7



6E7A78



00BA94



003B2F



# Inverse Universe

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



F7728D



FF597B



F79872



7A6E71



BA0026

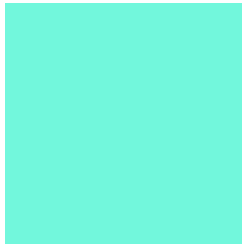


3B000C



# Previews

## White Background



This preview shows how the Hex color 72F7DC looks on a white background.

## Color Contrast Check

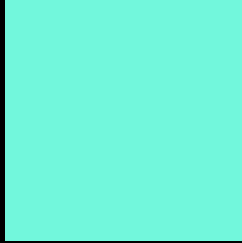
Large Text (above 18pt) WCAG AA × Fail

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 72F7DC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

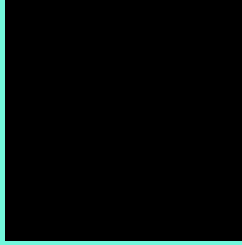
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 72F7DC Background



This preview shows how black text looks on a background with the Hex color 72F7DC.



This preview shows how white text looks on a background with the Hex color 72F7DC.

# 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**  
95EEFF

# Trichromacy



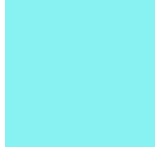
**Original Color**  
72F7DC



**Protanomaly**  
BCE8D4



**Deuteranomaly**  
C4E3E0

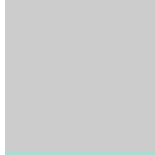


**Tritanomaly**  
88F1F2

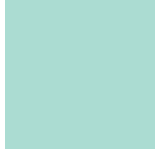
# Monochromacy



**Original Color**  
72F7DC



**Achromatopsia**  
CCCCCC



**Achromatomaly**  
ABDCD2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 72F7DC 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 #72F7DC looks like.

```
.text, #text, p{  
  color:#72F7DC  
}
```

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 #72F7DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72F7DC
}
```

## Border

The CSS property to change the border of an element to Hex 72F7DC 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
#72F7DC }
```

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

```
.border{ border-color:#72F7DC }
```

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

Here you see how a box with a 4 pixel #72F7DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72F7DC; -webkit-box-shadow:4px 4px  
4px 4px #72F7DC; box-shadow:4px 4px 4px  
4px #72F7DC }
```

# Background

The CSS property to change the background color of an element to Hex 72F7DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72F7DC }
```

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

```
.background{ background-color:#72F7DC }
```

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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