

# Converting Colors

Hex(73F1DE)

Have a look what the booklet for  
Hex(73F1DE) contains.

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# Color

**Hex(73F1DE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	73F1DE
RGB	115, 241, 222
RGB Percent	45%, 95%, 87%
CMY	0.5490, 0.0549, 0.1294
CMYK	0.52, 0.00, 0.08, 0.05
HSL	171°, 82%, 70%
HSV	171°, 52%, 95%
XYZ	51.7103, 71.8294, 80.2463
YIQ	201.1600, -68.9970, -32.6210

# Conversions

## Conversions Part 2

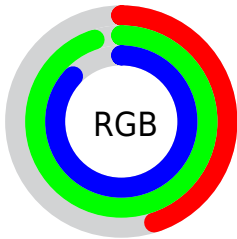
Format	Color
R <sub>Y</sub> B	115, 183, 241
Decimal	7598558
CIE Lab	87.89, -39.61, -1.54
CIE LCh	88, 39.638, 182.228
Yxy	71.8294, 0.2537, 0.3525
Android (android.graphics.Color)	4285788638 (0xFF73F1DE)
YUV	201.1600, 10.2741, -75.5623
Hunter-Lab	84.7522, -39.4071, 3.1887

# Details

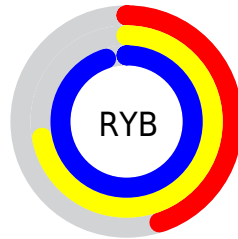
The Hex color **73F1DE** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **F17386**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **AFFFFFFF**, and **30B8A7** is the 20% darker color. If you saturate the color by 10%, you get **5BF1DA**, and if you desaturate by 10%, it is **8BF1E2**.

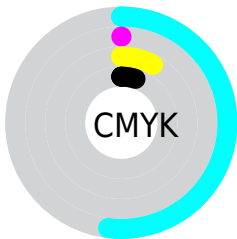
# Distribution



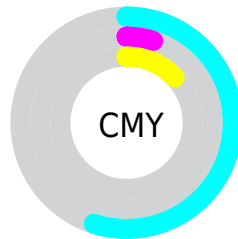
- Red (45%)
- Green (95%)
- Blue (87%)



- Red (45%)
- Yellow (72%)
- Blue (95%)



- Cyan (52%)
- Magenta (0%)
- Yellow (8%)
- Black (5%)



- Cyan (55%)
- Magenta (5%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 73F1DE 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 73F1DE by changing the saturation by 10% instead.



 73F1DE

 73F1DE

FFFFFF

 54D4C2

 AFFFFFF

 30B8A7

 CDFFFF

 009D8D

 EBFFFF

 008273

 00695B

 005043

 00382D

 002319

 000000

 73F1DE

 73F1DE

 5BF1DA

 8BF1E2

 43F1D7

 A3F1E5

 2BF1D3

 BBF1E9

 13F1CF

 D3F1ED

 00F1CD

 EBF1F0

 FFF1F4

 FFF1F7

 FFF1FB

 FFF1FF

# Harmonies

## Analogous

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



9FEEB8



73F1DE



5AF0FF

# Triad

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



73F1DE



E5D2FF



FFCE9B

# Complementary

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



73F1DE



F17386

# 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.



FFC3B6



73F1DE



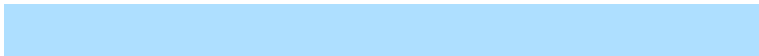
FFC6FF

# Square

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



73F1DE



AEDFFF



FFC0DB



F4DB91

# Rectangle

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



73F1DE



67ECFF



FFC0DB



FFCAA2



# Sweetspot

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



73F1DE



D6FFF9



88F173



67807C



000000



808080



# Same Dimension

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



73F1DE



5EFFE7



73C7F1



6C7876



00B89C



003830



# Inverse Universe

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



F17386



FF5E77



F19D73



786C6E



B8001C

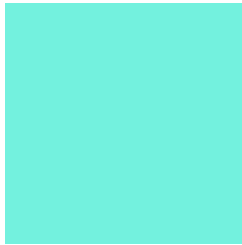


380008



# Previews

## White Background



This preview shows how the Hex color 73F1DE looks on a white background.

## Color Contrast Check

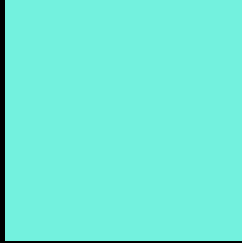
Large Text (above 18pt) WCAG AA × Fail

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 73F1DE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

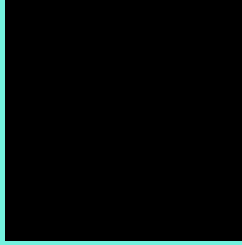
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

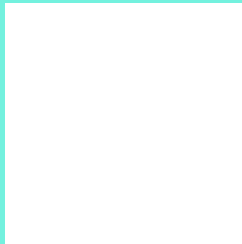
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 73F1DE Background



This preview shows how black text looks on a background with the Hex color 73F1DE.

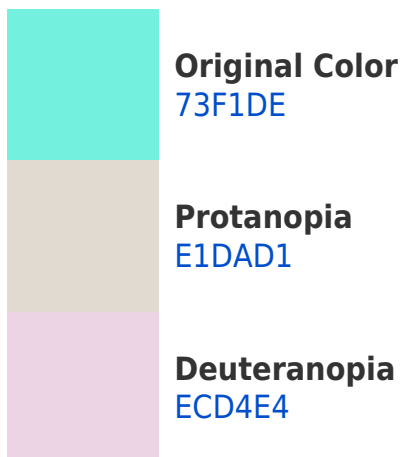


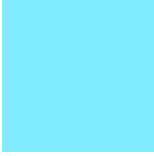
This preview shows how white text looks on a background with the Hex color 73F1DE.

# 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



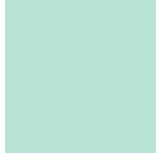


**Tritanopia**  
7FECFF

# Trichromacy



**Original Color**  
73F1DE



**Protanomaly**  
B9E2D6

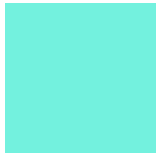


**Deuteranomaly**  
C0DFE2

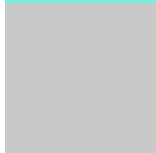


**Tritanomaly**  
7BEEF3

# Monochromacy



**Original Color**  
73F1DE



**Achromatopsia**  
C9C9C9



**Achromatomaly**  
AAD8D1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 73F1DE 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 #73F1DE looks like.

```
.text, #text, p{  
    color:#73F1DE  
}
```

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 #73F1DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #73F1DE
}
```

## Border

The CSS property to change the border of an element to Hex 73F1DE 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
#73F1DE }
```

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

```
.border{ border-color:#73F1DE }
```

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

Here you see how a box with a 4 pixel #73F1DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #73F1DE; -webkit-box-shadow:4px 4px  
4px 4px #73F1DE; box-shadow:4px 4px 4px  
4px #73F1DE }
```

# Background

The CSS property to change the background color of an element to Hex 73F1DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#73F1DE }
```

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

```
.background{ background-color:#73F1DE }
```

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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