

Converting Colors

Hex(71F9DE)

Have a look what the booklet for
Hex(71F9DE) contains.

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Color

Hex(71F9DE)

Conversions

Conversions Part 1

Format	Color
Hex	71F9DE
RGB	113, 249, 222
RGB Percent	44%, 98%, 87%
CMY	0.5569, 0.0235, 0.1294
CMYK	0.55, 0.00, 0.11, 0.02
HSL	168°, 92%, 71%
HSV	168°, 55%, 98%
XYZ	53.8705, 76.5360, 81.0409
YIQ	205.2580, -72.3890, -37.2290

Conversions

Conversions Part 2

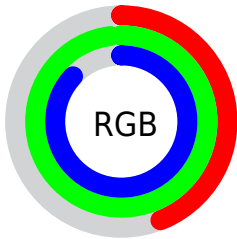
Format	Color
RYB	113, 188, 249
Decimal	7469534
CIELab	90.11, -43.58, 1.69
CIElCh	90, 43.609, 177.774
Yxy	76.5360, 0.2548, 0.3620
Android (android.graphics.Color)	4285659614 (0xFF71F9DE)
YUV	205.2580, 8.2538, -80.9103
Hunter-Lab	87.4849, -43.1836, 6.3166

Details

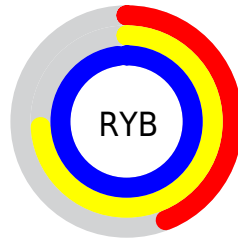
The Hex color **71F9DE** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **F9718C**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **AEFFFF**, and **2AC0A7** is the 20% darker color. If you saturate the color by 10%, you get **58F9D9**, and if you desaturate by 10%, it is **8AF9E3**.

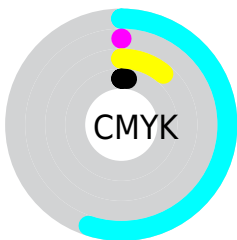
Distribution



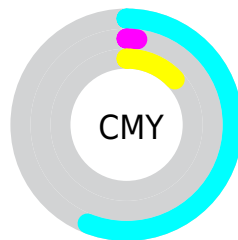
- Red (44%)
- Green (98%)
- Blue (87%)



- Red (44%)
- Yellow (74%)
- Blue (98%)



- Cyan (55%)
- Magenta (0%)
- Yellow (11%)
- Black (2%)



- Cyan (56%)
- Magenta (2%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 71F9DE 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 71F9DE by changing the saturation by 10% instead.

 71F9DE

 71F9DE

FFFFFF

 51DCC2

 AEFFFF

 2AC0A7

 CCFFFF

 00A48D

 EBFFFF

 008973

 006F5B

 005643

 003E2D

 002918

 000100

 71F9DE

 71F9DE

 58F9D9

 8AF9E3

 3FF9D4

 A3F9E8

 26F9CF

 BCF9ED

 0DF9CA

 D5F9F2

 00F9C8

 EDF9F7

 FFF9FC

 FFF9FF

Harmonies

Analogous

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



A6F5B5



71F9DE



47F8FF

Triad

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



71F9DE



E3D9FF



FFD19D

Complementary

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



71F9DE



F9718C

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.



FFC5BE



71F9DE



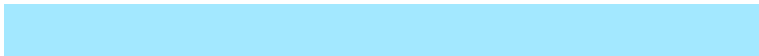
FFCBFF

Square

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



71F9DE



A3E8FF



FFC3E7



FFDF8F

Rectangle

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



71F9DE



50F5FF



FFC3E7



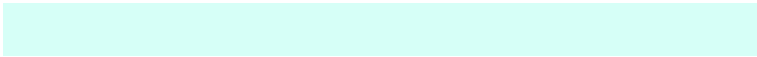
FFCCA7

Sweetspot

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



71F9DE



D6FFF7



8CF971



67807B



000000



808080

Same Dimension

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



71F9DE



57FFDE



71D0F9



707D7A



00BD97



003D31

Inverse Universe

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



F9718C



FF5778



F99A71



7D7073



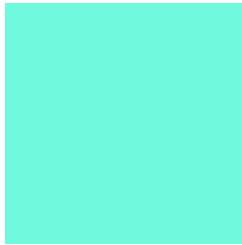
BD0025



3D000C

Previews

White Background



This preview shows how the Hex color 71F9DE looks on a white background.

Color Contrast Check

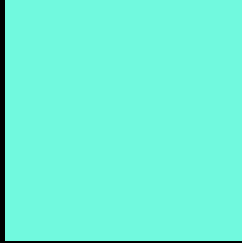
Large Text (above 18pt) WCAG AA × Fail

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 71F9DE 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 71F9DE Background



This preview shows how black text looks on a background with the Hex color 71F9DE.



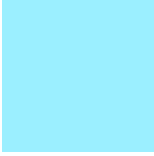
This preview shows how white text looks on a background with the Hex color 71F9DE.

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
9BEFF

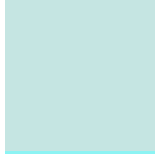
Trichromacy



Original Color
71F9DE



Protanomaly
BDE9D5



Deuteranomaly
C5E5E2

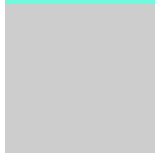


Tritanomaly
8CF3F3

Monochromacy



Original Color
71F9DE



Achromatopsia
CDCDCD



Achromatomaly
ACDDD3

CSS Examples

Text

The CSS property to change the color of the text to Hex 71F9DE 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 #71F9DE looks like.

```
.text, #text, p{  
    color:#71F9DE  
}
```

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 #71F9DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71F9DE
}
```

Border

The CSS property to change the border of an element to Hex 71F9DE 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
#71F9DE }
```

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

```
.border{ border-color:#71F9DE }
```

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

Here you see how a box with a 4 pixel #71F9DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71F9DE; -webkit-box-shadow:4px 4px  
4px 4px #71F9DE; box-shadow:4px 4px 4px  
4px #71F9DE }
```

Background

The CSS property to change the background color of an element to Hex 71F9DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71F9DE }
```

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

```
.background{ background-color:#71F9DE }
```

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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