

Converting Colors

Hex(71EBCF)

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

Hex(71EBCF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(71EBCF)

Conversions

Conversions Part 1

Format	Color
Hex	71EBCF
RGB	113, 235, 207
RGB Percent	44%, 92%, 81%
CMY	0.5569, 0.0784, 0.1882
CMYK	0.52, 0.00, 0.12, 0.08
HSL	166°, 75%, 68%
HSV	166°, 52%, 92%
XYZ	47.7809, 67.4324, 69.5289
YIQ	195.3300, -63.7240, -34.5720

Conversions

Conversions Part 2

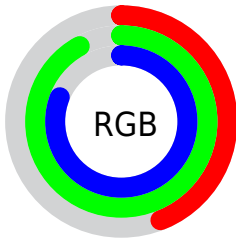
Format	Color
RYB	113, 182, 235
Decimal	7465935
CIELab	85.72, -40.89, 3.16
CIElCh	86, 41.012, 175.586
Yxy	67.4324, 0.2586, 0.3650
Android (android.graphics.Color)	4285656015 (0xFF71EBCF)
YUV	195.3300, 5.7533, -72.2034
Hunter-Lab	82.1172, -39.8428, 7.2810

Details

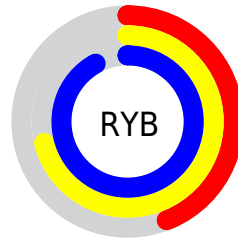
The Hex color **71EBCF** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **EB718D**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **ACFFFF**, and **2FB399** is the 20% darker color. If you saturate the color by 10%, you get **5AEBCA**, and if you desaturate by 10%, it is **89EBD4**.

Distribution



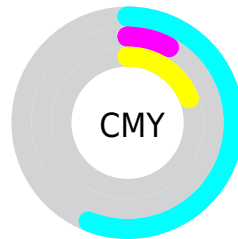
- Red (44%)
- Green (92%)
- Blue (81%)



- Red (44%)
- Yellow (71%)
- Blue (92%)



- Cyan (52%)
- Magenta (0%)
- Yellow (12%)
- Black (8%)



- Cyan (56%)
- Magenta (8%)
- Yellow (19%)

Brightness & Saturation Gradients

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

 71EBCF

 71EBCF

FFFFFF

 52CEB3

 ACFFFF

 2FB399

 CAFFFF

 00977F

 E8FFFF

 007D66

 00634E


 004A37

 003322

 001D0C

 000000

 71EBCF

 71EBCF

 5AEBCA

 89EBD4

 42EBC4

 A0EBDA

 2AEBBF

 B8EBDF

 13EBB9

 CFEBE5

 00EBB5

 E7EBEA

 FEEBEF

 FFEBF5

 FFEBFA

 FFEBFF

Harmonies

Analogous

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



A1E7A9



71EBCF



4AEBF6

Triad

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



71EBCF



D3CEFF



FFC598

Complementary

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



71EBCF



EB718D

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.



FFBBB7



71EBCF



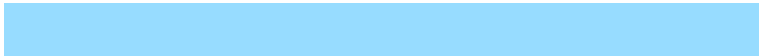
FFC1FF

Square

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



71EBCF



97DCFF



FFB9DE



F6D289

Rectangle

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



71EBCF



4EE8FF



FFB9DE



FFC1A1

Sweetspot

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



71EBCF



D6FFF6



8DEB71



67807A



000000



808080

Same Dimension

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



71EBCF



61FFDB



71CAEB



6A7573



00B58B



003629

Inverse Universe

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



EB718D



FF6185



EB9271



756A6C



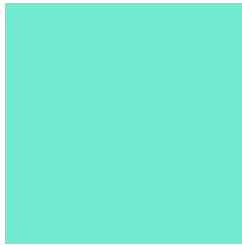
B5002A



36000C

Previews

White Background



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

Color Contrast Check

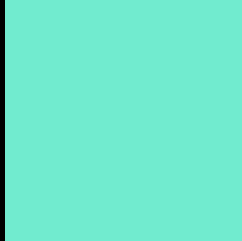
Large Text (above 18pt) WCAG AA × Fail

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 71EBCF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

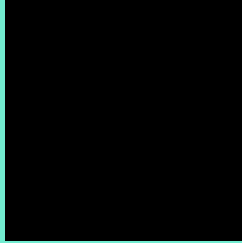
Any Text WCAG AA ✓ Pass

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 71EBCF Background



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

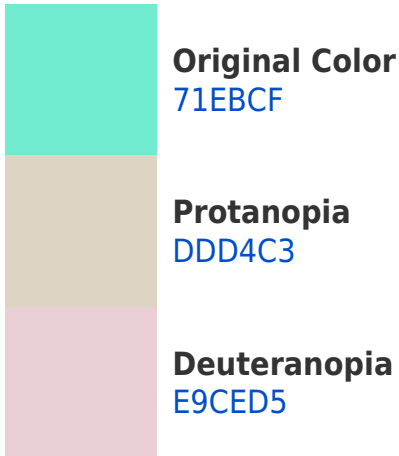


This preview shows how white text looks on a background with the Hex color 71EBCF.

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



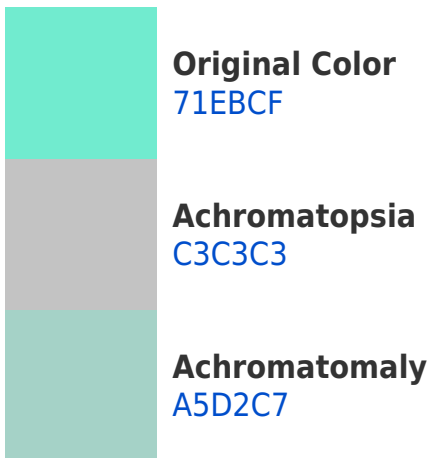


Tritanopia
7EE5F8

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #71EBCF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor