

Converting Colors

Hex(73EFCE)

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

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Color

Hex(73EFCE)

Conversions

Conversions Part 1

Format	Color
Hex	73EFCE
RGB	115, 239, 206
RGB Percent	45%, 94%, 81%
CMY	0.5490, 0.0627, 0.1922
CMYK	0.52, 0.00, 0.14, 0.06
HSL	164°, 79%, 69%
HSV	164°, 52%, 94%
XYZ	49.0773, 69.8341, 69.2852
YIQ	198.1620, -63.3110, -36.5510

Conversions

Conversions Part 2

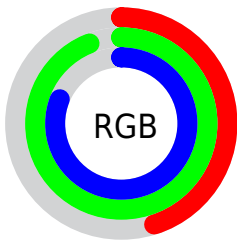
Format	Color
RYB	115, 187, 239
Decimal	7598030
CIELab	86.92, -42.47, 5.42
CIELCh	87, 42.816, 172.733
Yxy	69.8341, 0.2608, 0.3711
Android (android.graphics.Color)	4285788110 (0xFF73EFCE)
YUV	198.1620, 3.8641, -72.9331
Hunter-Lab	83.5668, -41.4119, 9.3394

Details

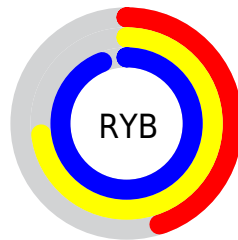
The Hex color **73EFCE** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **EF7394**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **AEFFFF**, and **32B698** is the 20% darker color. If you saturate the color by 10%, you get **5BEFC8**, and if you desaturate by 10%, it is **8BEFD4**.

Distribution



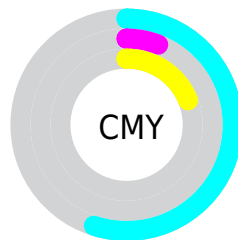
- Red (45%)
- Green (94%)
- Blue (81%)



- Red (45%)
- Yellow (73%)
- Blue (94%)



- Cyan (52%)
- Magenta (0%)
- Yellow (14%)
- Black (6%)



- Cyan (55%)
- Magenta (6%)
- Yellow (19%)

Brightness & Saturation Gradients

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

 73EFCE

 73EFCE

FFFFFF

 54D2B3

 AEFFFF

 32B698

 CCFFFF

 009B7E

 EAFFFF

 008065

 00674D

 004E36

 003621

 00200B

 000000

 73EFCB

 73EFCB

 5BEFC8

 8BEFD4

 43EFC1

 A3EFD8

 2BEFBB

 BBEFE1

 13EFB5

 D3EFE7

 00EFAF

 EAEFEE

 FFEFF4

 FFEFFB

 FFEFFF

Harmonies

Analogous

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



A6EAA7



73EFCE



44EFF8

Triad

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



73EFCE



D1D3FF



FFC69A

Complementary

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



73EFCE



EF7394

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.



FFBCBC



73EFCE



FFC4FF

Square

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



73EFCE



90E1FF



FFBBE5



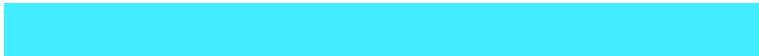
FED489

Rectangle

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



73EFCE



42EDFF



FFBBE5



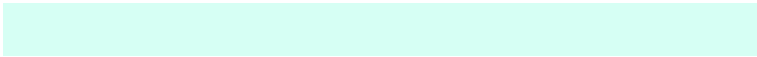
FFC2A4

Sweetspot

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



73EFCE



D6FFF4



94EF73



678079



000000



808080

Same Dimension

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



73EFCE



61FFD5



73D2EF



6C7875



00B887



003829

Inverse Universe

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



EF7394



FF618B



EF9073



786C6F



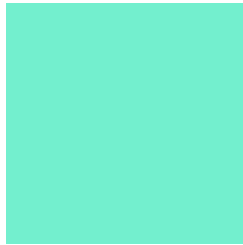
B80031



38000F

Previews

White Background



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

Color Contrast Check

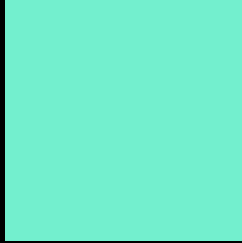
Large Text (above 18pt) WCAG AA × Fail

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 73EFCE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

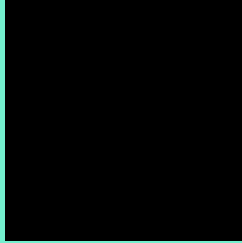
Any Text WCAG AA ✓ Pass

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 73EFCE Background



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



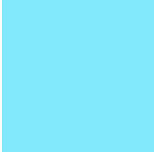
This preview shows how white text looks on a background with the Hex color 73EFCE.

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
81E9FB

Trichromacy



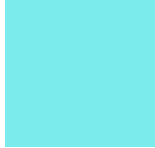
Original Color
73EFCE



Protanomaly
B9E0C6



Deuteranomaly
C1DCD2

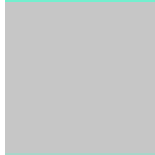


Tritanomaly
7CEBEB

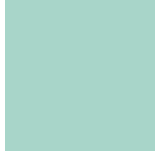
Monochromacy



Original Color
73EFCE



Achromatopsia
C6C6C6



Achromatomaly
A8D5C9

CSS Examples

Text

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

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

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 #73EFCE colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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