

Converting Colors

Hex(73C9E7)

Have a look what the booklet for
Hex(73C9E7) contains.

Hex(73C9E7)	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(73C9E7)

Conversions

Conversions Part 1

Format	Color
Hex	73C9E7
RGB	115, 201, 231
RGB Percent	45%, 79%, 91%
CMY	0.5490, 0.2118, 0.0941
CMYK	0.50, 0.13, 0.00, 0.09
HSL	196°, 71%, 68%
HSV	196°, 50%, 91%
XYZ	42.3807, 51.1876, 83.2478
YIQ	178.7060, -60.8860, -8.9020

Conversions

Conversions Part 2

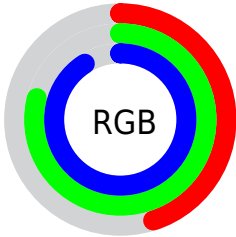
Format	Color
R _Y B	115, 164, 231
Decimal	7588327
CIE Lab	76.79, -17.98, -22.89
CIE LCh	77, 29.112, 231.851
Yxy	51.1876, 0.2397, 0.2895
Android (android.graphics.Color)	4285778407 (0xFF73C9E7)
YUV	178.7060, 25.7809, -55.8702
Hunter-Lab	71.5455, -19.4685, -18.9058

Details

The Hex color **73C9E7** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **E79173**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **ADFFFF**, and **3593AF** is the 20% darker color. If you saturate the color by 10%, you get **5CC3E7**, and if you desaturate by 10%, it is **8ACFE7**.

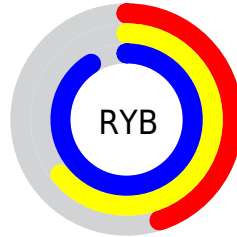
Distribution



Red (45%)

Green (79%)

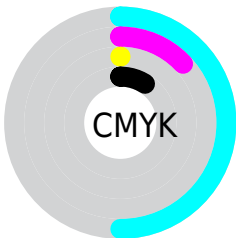
Blue (91%)



Red (45%)

Yellow (64%)

Blue (91%)

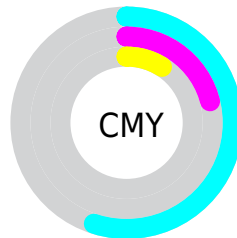


Cyan (50%)

Magenta (13%)

Yellow (0%)

Black (9%)



Cyan (55%)

Magenta (21%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 73C9E7 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 73C9E7 by changing the saturation by 10% instead.

 73C9E7

 73C9E7

FFFFFF

 55AECE

 ADFFFF

 3593AF

 CBFFFF

 027995

 E8FFFF

 00607B

 004862

 00324A

 001E33

 00021E

 000000

 73C9E7

 73C9E7

 5CC3E7

 8ACFE7

 45BDE7

 A1D5E7

 2EB7E7

 B8DBE7

 17B1E7

 CFE1E7

 00ABE7

 E7E7E7

 FEEDE7

 FFF3E7

 FFF9E7

 FFFF7

Harmonies

Analogous

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



6DCCD1



73C9E7



91C2F2

Triad

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



73C9E7



EEAAC6



BCC28B

Complementary

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



73C9E7



E79173

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.



D8B989



73C9E7



F4ABAB

Square

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



73C9E7



D9B0DF



ECB094



9EC99C

Rectangle

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



73C9E7



ABBCF2



ECB094



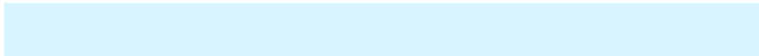
C6BF89

Sweetspot

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



73C9E7



D9F5FF



73E790



697A80



000000



808080

Same Dimension

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



73C9E7



66D7FF



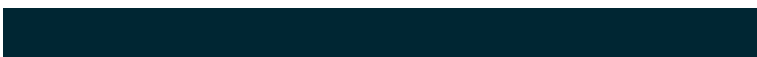
7390E7



677073



0084B3



002633

Inverse Universe

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



E773C9



FF66D7



E7CA73



736770



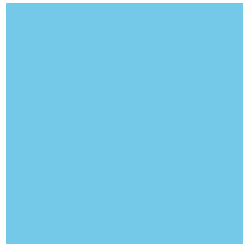
B30084



330026

Previews

White Background



This preview shows how the Hex color 73C9E7 looks on a white background.

Color Contrast Check

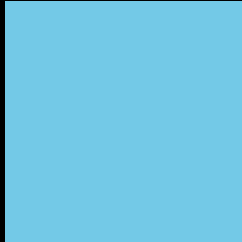
Large Text (above 18pt) WCAG AA × Fail

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 73C9E7 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 73C9E7 Background



This preview shows how black text looks on a background with the Hex color 73C9E7.

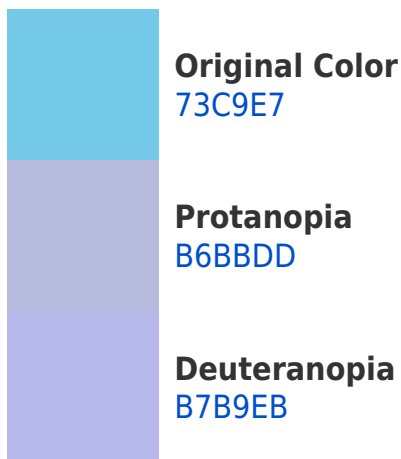


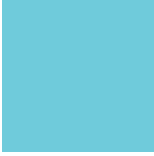
This preview shows how white text looks on a background with the Hex color 73C9E7.

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](#).

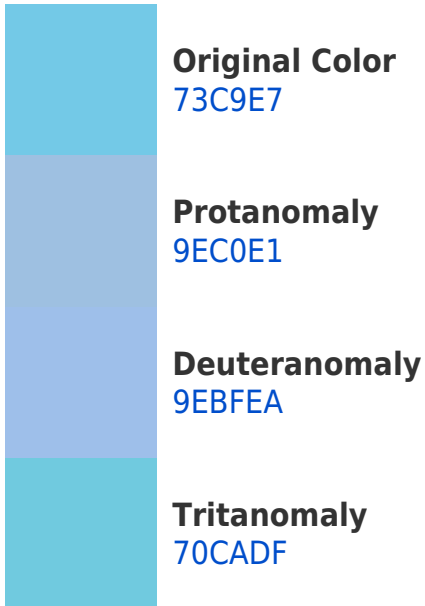
Dichromacy



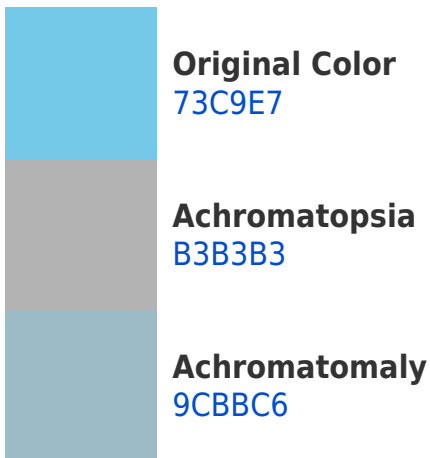


Tritanopia
6FCBDB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 73C9E7 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 #73C9E7 looks like.

```
.text, #text, p{  
    color:#73C9E7  
}
```

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 #73C9E7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #73C9E7
}
```

Border

The CSS property to change the border of an element to Hex 73C9E7 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
#73C9E7 }
```

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

```
.border{ border-color:#73C9E7 }
```

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

Here you see how a box with a 4 pixel #73C9E7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #73C9E7; -webkit-box-shadow:4px 4px  
4px 4px #73C9E7; box-shadow:4px 4px 4px  
4px #73C9E7 }
```

Background

The CSS property to change the background color of an element to Hex 73C9E7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#73C9E7 }
```

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

```
.background{ background-color:#73C9E7 }
```

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