

# Converting Colors

Hex(73CEED)

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

<b>Hex(73CEED)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(73CEED)**

# Conversions

## Conversions Part 1

Format	Color
Hex	73CEED
RGB	115, 206, 237
RGB Percent	45%, 81%, 93%
CMY	0.5490, 0.1922, 0.0706
CMYK	0.51, 0.13, 0.00, 0.07
HSL	195°, 77%, 69%
HSV	195°, 51%, 93%
XYZ	44.4276, 53.9019, 88.1833
YIQ	182.3250, -64.1870, -9.6510

# Conversions

## Conversions Part 2

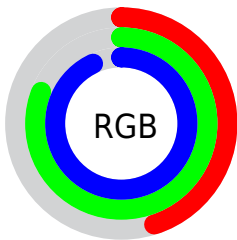
Format	Color
<a href="#">RYB</a>	<a href="#">115, 167, 237</a>
Decimal	<a href="#">7589613</a>
CIELab	<a href="#">78.40, -18.88, -23.66</a>
CIElCh	<a href="#">78, 30.267, 231.414</a>
Yxy	<a href="#">53.9019, 0.2382, 0.2890</a>
Android (android.graphics.Color)	<a href="#">4285779693 (0xFF73CEED)</a>
YUV	<a href="#">182.3250, 26.9548, -59.0440</a>
Hunter-Lab	<a href="#">73.4179, -20.4651, -19.8215</a>

# Details

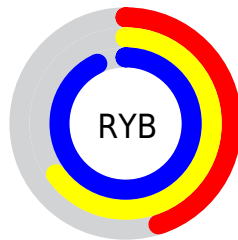
The Hex color **73CEED** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **ED9273**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **AFFFFFF**, and **3498B5** is the 20% darker color. If you saturate the color by 10%, you get **5BC8ED**, and if you desaturate by 10%, it is **8BD4ED**.

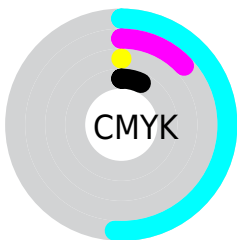
# Distribution



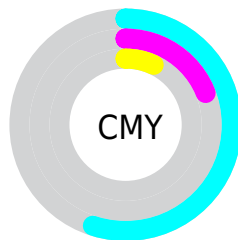
- Red (45%)
- Green (81%)
- Blue (93%)



- Red (45%)
- Yellow (65%)
- Blue (93%)



- Cyan (51%)
- Magenta (13%)
- Yellow (0%)
- Black (7%)



- Cyan (55%)
- Magenta (19%)
- Yellow (7%)

# Brightness & Saturation Gradients

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



 73CEED

 73CEED

FFFFFF

 55B2D1

 AEFFFF

 3498B5

 CBFFFF

 007E9A

 E9FFFF

 006580

 004C67

 00354F

 002138

 000223

 000009

73CEED

73CEED

5BC8ED

8BD4ED

44C2ED

A2DAED

2CBCED

BAE0ED

14B6ED

D2E6ED

00B1ED

E9ECED

FFF2ED

FFF8ED

FFFEED

FFFFED

# Harmonies

## Analogous

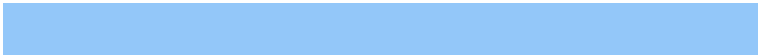
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



6DD1D5



73CEED



93C7F9

# Triad

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



73CEED



F4AECB



C1C68D

# Complementary

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



73CEED



ED9273

# 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.



DEBD8B



73CEED



FBAEAF

# Square

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



73CEED



DEB4E5



F2B497



A1CD9E

# Rectangle

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



73CEED



AEC1F9



F2B497



CBC48B



# Sweetspot

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



73CEED



D9F5FF



73ED91



697A80



000000



808080



# Same Dimension

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



73CEED



61D7FF



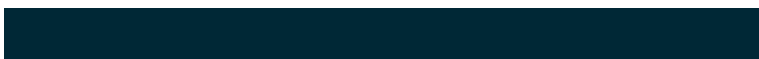
7391ED



6A7275



0087B5



002836



# Inverse Universe

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



ED73CE



FF61D7



EDCE73



756A72



B50087

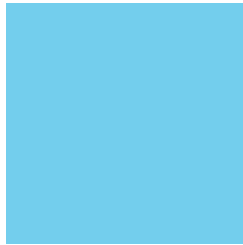


360028



# Previews

## White Background



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

## Color Contrast Check

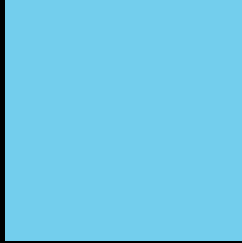
Large Text (above 18pt) WCAG AA × Fail

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 73CEED looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

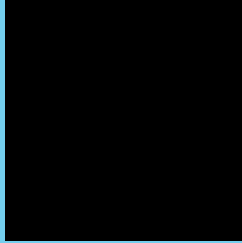
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 73CEED Background



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

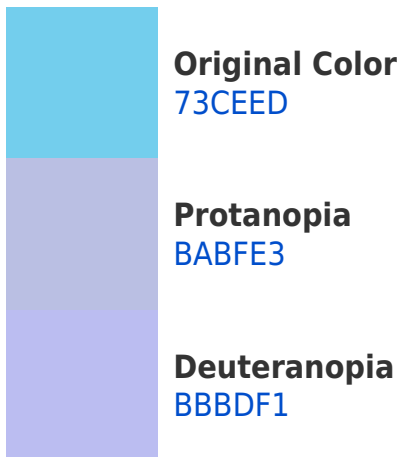


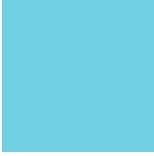
This preview shows how white text looks on a background with the Hex color 73CEED.

# Color Blindness Simulation

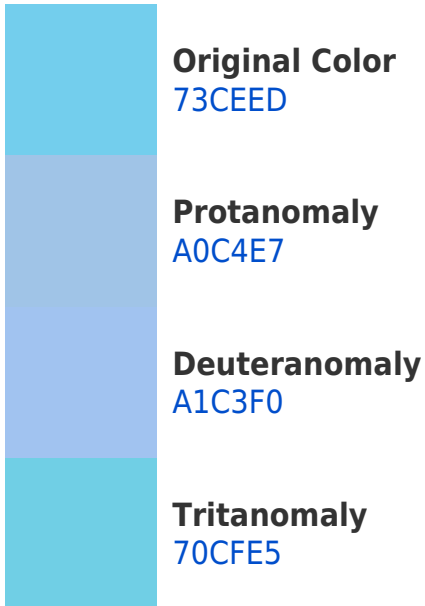
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #73CEED colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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