

Converting Colors

Hex(71CEDA)

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

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Color

Hex(71CEDA)

Conversions

Conversions Part 1

Format	Color
Hex	71CEDA
RGB	113, 206, 218
RGB Percent	44%, 81%, 85%
CMY	0.5569, 0.1922, 0.1451
CMYK	0.48, 0.06, 0.00, 0.15
HSL	187°, 59%, 65%
HSV	187°, 48%, 85%
XYZ	41.5362, 52.7153, 74.3155
YIQ	179.5610, -59.2800, -15.9840

Conversions

Conversions Part 2

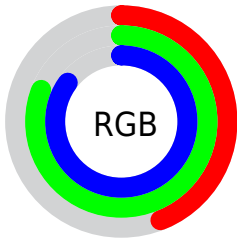
Format	Color
R _{YB}	113, 162, 218
Decimal	7458522
CIE _{Lab}	77.71, -24.48, -14.53
CIE _{LCh}	78, 28.463, 210.690
Y _{xy}	52.7153, 0.2464, 0.3127
Android (android.graphics.Color)	4285648602 (0xFF71CEDA)
YUV	179.5610, 18.9504, -58.3740
Hunter-Lab	72.6053, -24.9424, -9.8629

Details

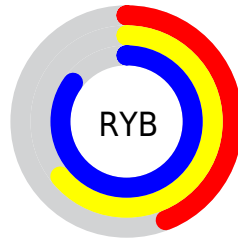
The Hex color **71CEDA** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **DA7D71**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **ABFFFF**, and **3497A3** is the 20% darker color. If you saturate the color by 10%, you get **5BCCDA**, and if you desaturate by 10%, it is **87D0DA**.

Distribution



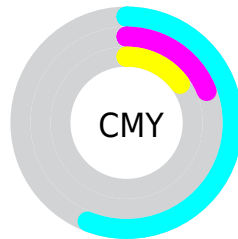
- Red (44%)
- Green (81%)
- Blue (85%)



- Red (44%)
- Yellow (64%)
- Blue (85%)



- Cyan (48%)
- Magenta (6%)
- Yellow (0%)
- Black (15%)



- Cyan (56%)
- Magenta (19%)
- Yellow (15%)

Brightness & Saturation Gradients

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

 71CEDA

 71CEDA


FFFFFF

 54B2BE


 ABFFFF

 3497A3

 C8FFFF

 017D89

 E6FFFF

 00646F

 004C57

 003540

 00212A

 000116

 000000

 71CEDA

 71CEDA

 5BCCDA

 87D0DA

 45C9DA

 9DD3DA

 30C7DA

 B2D5DA

 1AC4DA

 C8D8DA

 04C2DA

 DEDADA

 00C1DA

 F4DDDA

 FFDFDA

 FFE2DA

 FFE4DA

Harmonies

Analogous

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



7DCFC0



71CEDA



7FCAED

Triad

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



71CEDA



E3B1DA



D3BE8B

Complementary

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



71CEDA



DA7D71

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.



E9B693



71CEDA



F3ADC0

Square

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



71CEDA



C5B9ED



F5AFA6



B6C792

Rectangle

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



71CEDA



94C5F4



F5AFA6



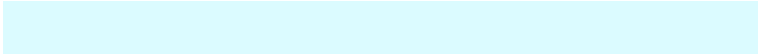
DBBC8C

Sweetspot

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



71CEDA



DBFBFF



71DA7B



6A7D80



000000



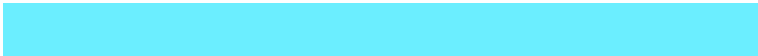
808080

Same Dimension

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



71CEDA



6BEEFF



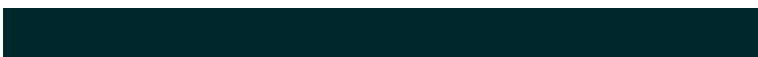
719BDA



636C6E



009AAD



00292E

Inverse Universe

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



DA71CE



FF6BEE



DAB071



6E636C



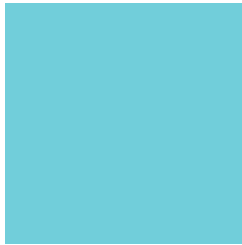
AD009A



2E0029

Previews

White Background



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

Color Contrast Check

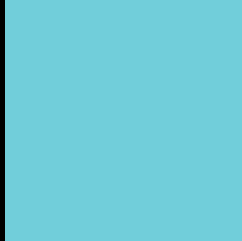
Large Text (above 18pt) WCAG AA × Fail

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 71CEDA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

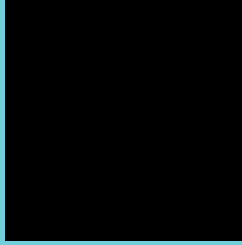
Any Text WCAG AA ✓ Pass

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 71CEDA Background



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

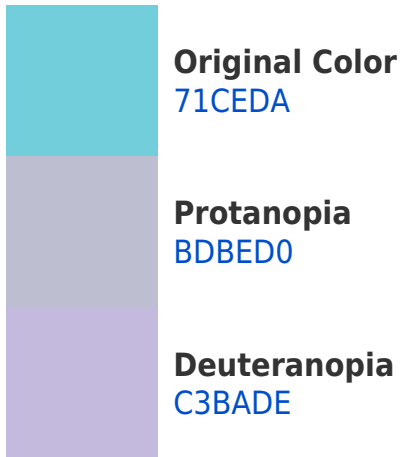


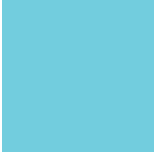
This preview shows how white text looks on a background with the Hex color 71CEDA.

Color Blindness Simulation

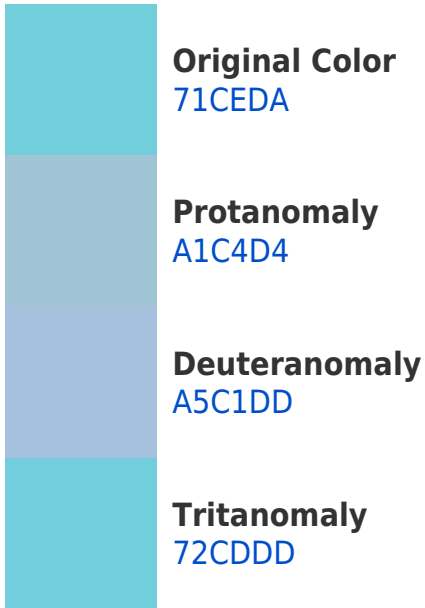
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #71CEDA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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