

# Converting Colors

Hex(73CBDA)

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

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# **Color**

**Hex(73CBDA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	73CBDA
RGB	115, 203, 218
RGB Percent	45%, 80%, 85%
CMY	0.5490, 0.2039, 0.1451
CMYK	0.47, 0.07, 0.00, 0.15
HSL	189°, 58%, 65%
HSV	189°, 47%, 85%
XYZ	41.0811, 51.4187, 74.0893
YIQ	178.3980, -57.2630, -13.9910

# Conversions

## Conversions Part 2

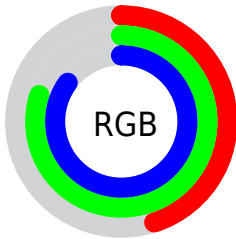
Format	Color
R <sub>YB</sub>	115, 162, 218
Decimal	7588826
CIE Lab	76.93, -22.53, -15.68
CIE LCh	77, 27.451, 214.846
Yxy	51.4187, 0.2466, 0.3087
Android (android.graphics.Color)	4285778906 (0xFF73CBDA)
YUV	178.3980, 19.5238, -55.6000
Hunter-Lab	71.7068, -23.2237, -11.0651

# Details

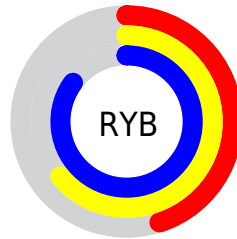
The Hex color **73CBDA** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **DA8273**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **ACFFFF**, and **3795A3** is the 20% darker color. If you saturate the color by 10%, you get **5DC8DA**, and if you desaturate by 10%, it is **89CEDA**.

# Distribution



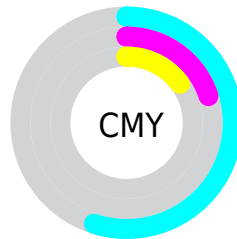
- Red (45%)
- Green (80%)
- Blue (85%)



- Red (45%)
- Yellow (64%)
- Blue (85%)



- Cyan (47%)
- Magenta (7%)
- Yellow (0%)
- Black (15%)



- Cyan (55%)
- Magenta (20%)
- Yellow (15%)

# Brightness & Saturation Gradients

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



 73CBDA

 73CBDA

FFFFFF

 56AFBE

 ACFFFF

 3795A3


 CAFFFF

 0C7B89

 E7FFFF


 00626F

 004957

 003340

 001F2A

 000115

 000000

 73CBDA

 73CBDA

 5DC8DA

 89CEDA

 47C5DA

 9FD1DA

 32C1DA

 B4D5DA

 1CBEDA

 CAD8DA

 06BBDA

 E0DBDA

 00BADA

 F6DEDA

 FFE1DA

 FFE4DA

 FFE8DA

# Harmonies

## Analogous

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



7BCCC1



73CBDA



83C6EB

# Triad

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



73CBDA



E2AFD4



CCBE8B

# Complementary

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



73CBDA



DA8273

# 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.



E3B591



73CBDA



F0ABBB

# Square

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



73CBDA



C7B6E8



F0AEA2



B1C594

# Rectangle

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



73CBDA



99C2F0



F0AEA2



D5BB8C

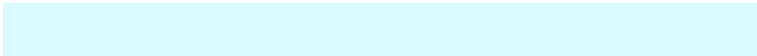


# Sweetspot

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



73CBDA



DBFAFF



73DA81



6A7C80



000000



808080

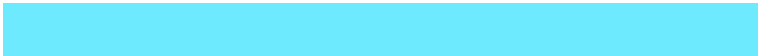


# Same Dimension

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



73CBDA



6EEAFF



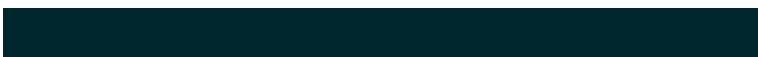
7399DA



636C6E



0094AD



00272E



# Inverse Universe

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



DA73CB



FF6EEA



DAB473



6E636C



AD0094

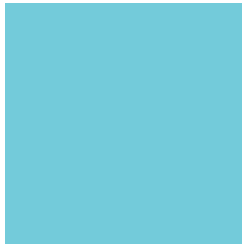


2E0027



# Previews

## White Background



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

## Color Contrast Check

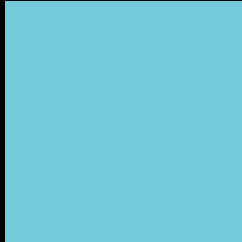
Large Text (above 18pt) WCAG AA × Fail

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 73CBDA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

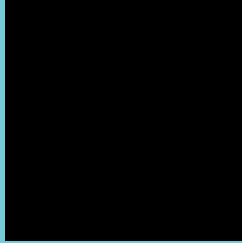
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 73CBDA Background



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

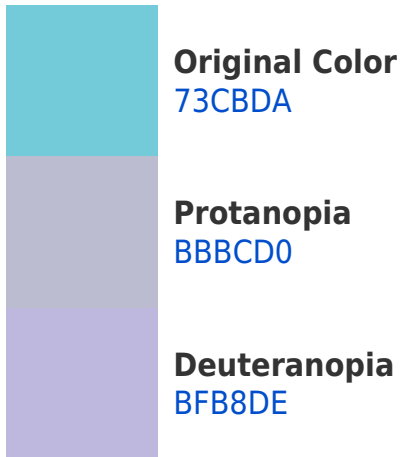


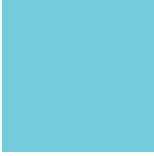
This preview shows how white text looks on a background with the Hex color 73CBDA.

# 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**  
73CBDB

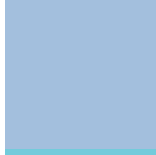
# Trichromacy



**Original Color**  
73CBDA



**Protanomaly**  
A1C1D4



**Deuteranomaly**  
A3BFDD

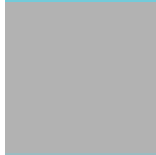


**Tritanomaly**  
73CBDB

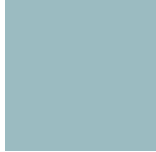
# Monochromacy



**Original Color**  
73CBDA



**Achromatopsia**  
B2B2B2



**Achromatomaly**  
9BBBC1

# CSS Examples

## Text

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

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

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 #73CBDA colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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