

Converting Colors

Hex(43C2DF)

Have a look what the booklet for
Hex(43C2DF) contains.

Hex(43C2DF)	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(43C2DF)

Conversions

Conversions Part 1

Format	Color
Hex	43C2DF
RGB	67, 194, 223
RGB Percent	26%, 76%, 87%
CMY	0.7373, 0.2392, 0.1255
CMYK	0.70, 0.13, 0.00, 0.13
HSL	191°, 71%, 57%
HSV	191°, 70%, 87%
XYZ	34.9258, 45.1046, 76.6773
YIQ	159.3330, -85.0010, -17.9050

Conversions

Conversions Part 2

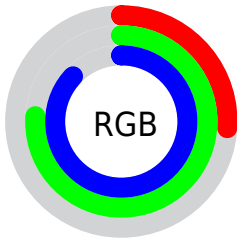
Format	Color
RYB	67, 137, 223
Decimal	4440799
CIELab	72.96, -25.32, -24.56
CIELCh	73, 35.274, 224.120
Yxy	45.1046, 0.2229, 0.2878
Android (android.graphics.Color)	4282630879 (0xFF43C2DF)
YUV	159.3330, 31.3878, -80.9760
Hunter-Lab	67.1599, -24.7029, -20.6801

Details

The Hex color **43C2DF** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted cyan. A complement of this color would be **DF6043**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **86FBFF**, and **008CA8** is the 20% darker color. If you saturate the color by 10%, you get **2DBEDF**, and if you desaturate by 10%, it is **59C6DF**.

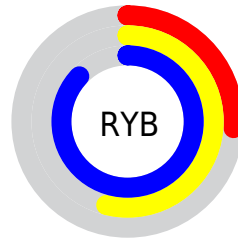
Distribution



Red (26%)

Green (76%)

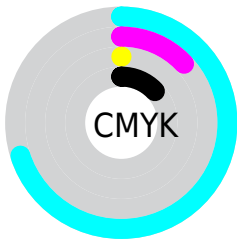
Blue (87%)



Red (26%)

Yellow (54%)

Blue (87%)

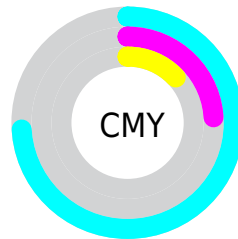


Cyan (70%)

Magenta (13%)

Yellow (0%)

Black (13%)



Cyan (74%)

Magenta (24%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 43C2DF 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 43C2DF by changing the saturation by 10% instead.

 43C2DF

 43C2DF

FFFFFF

 0DA7C3

 86FBFF

 008CA8

 A5FFFF

 00728D

 C3FFFF

 005A74

 E2FFFF

 00425B

 002B43

 00142D

 000118

 000000

■ 43C2DF

■ 43C2DF

■ 2DBEDF

■ 59C6DF

■ 16BADF

■ 70CADF

■ 00B6DF

■ 86CEDF

■ 9CD3DF

■ B3D7DF

■ C9DBDF

■ DFD7DF

■ F5E3DF

■ FFE7DF

Harmonies

Analogous

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



4AC5C2



43C2DF



6BBBF1

Triad

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



43C2DF



E89DC6



BAB674

Complementary

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



43C2DF



DF6043

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.



D8AB75



43C2DF



F39BA5

Square

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



43C2DF



CAA5E2



EDA188



96BE84

Rectangle

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



43C2DF



8EB5F3



EDA188



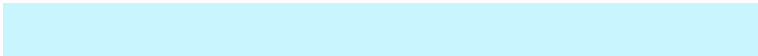
C5B372

Sweetspot

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



43C2DF



C9F5FF



43DF60



607A80



000000



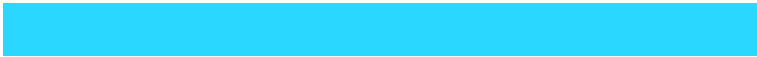
808080

Same Dimension

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



43C2DF



29D7FF



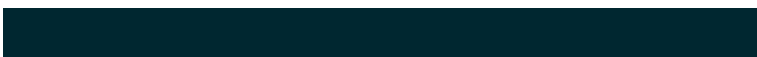
4374DF



656E70



008FB0



002730

Inverse Universe

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



DF43C2



FF29D7



DFAE43



70656E



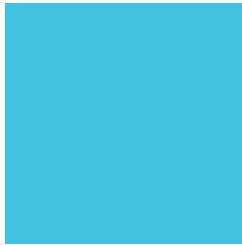
B0008F



300027

Previews

White Background



This preview shows how the Hex color 43C2DF looks on a white background.

Color Contrast Check

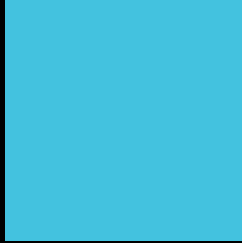
Large Text (above 18pt) WCAG AA × Fail

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 43C2DF 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 43C2DF Background



This preview shows how black text looks on a background with the Hex color 43C2DF.

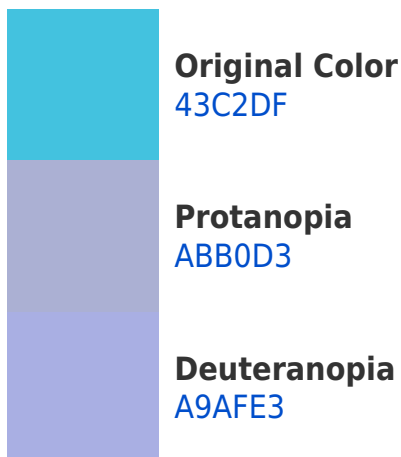


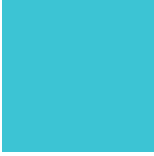
This preview shows how white text looks on a background with the Hex color 43C2DF.

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](#).

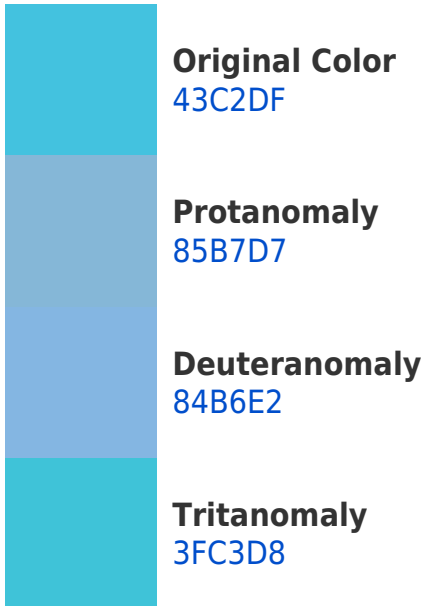
Dichromacy



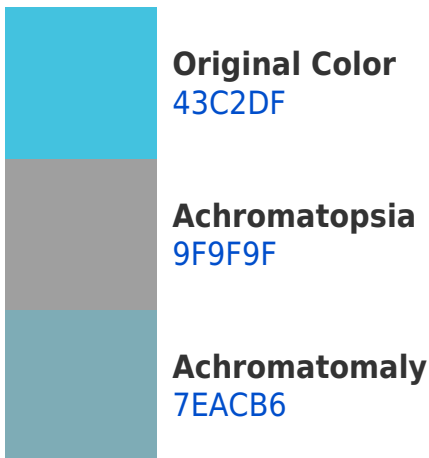


Tritanopia
3CC4D4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 43C2DF 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 #43C2DF looks like.

```
.text, #text, p{  
    color:#43C2DF  
}
```

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 #43C2DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #43C2DF
}
```

Border

The CSS property to change the border of an element to Hex 43C2DF 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
#43C2DF }
```

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

```
.border{ border-color:#43C2DF }
```

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

Here you see how a box with a 4 pixel #43C2DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #43C2DF; -webkit-box-shadow:4px 4px  
4px 4px #43C2DF; box-shadow:4px 4px 4px  
4px #43C2DF }
```

Background

The CSS property to change the background color of an element to Hex 43C2DF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#43C2DF }
```

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

```
.background{ background-color:#43C2DF }
```

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