

# Converting Colors

Hex(41C7CF)

Have a look what the booklet for  
Hex(41C7CF) contains.

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# Color

Hex(41C7CF)

# Conversions

## Conversions Part 1

Format	Color
Hex	41C7CF
RGB	65, 199, 207
RGB Percent	25%, 78%, 81%
CMY	0.7451, 0.2196, 0.1882
CMYK	0.69, 0.04, 0.00, 0.19
HSL	183°, 60%, 53%
HSV	183°, 69%, 81%
XYZ	33.8659, 46.4757, 66.2173
YIQ	159.8460, -82.4320, -25.9200

# Conversions

## Conversions Part 2

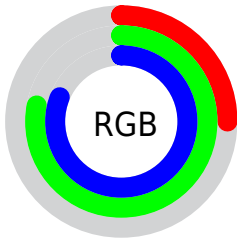
Format	Color
R <sub>YB</sub>	65, 134, 207
Decimal	4310991
CIE <sub>Lab</sub>	73.85, -32.83, -14.53
CIE <sub>LCh</sub>	74, 35.900, 203.871
Y <sub>xy</sub>	46.4757, 0.2311, 0.3171
Android (android.graphics.Color)	4282501071 (0xFF41C7CF)
YUV	159.8460, 23.2469, -83.1799
Hunter-Lab	68.1731, -30.6306, -9.8679

# Details

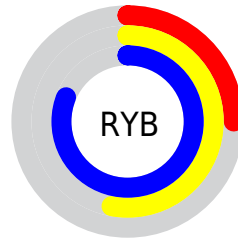
The Hex color **41C7CF** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **CF4941**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **83FFFF**, and **009199** is the 20% darker color. If you saturate the color by 10%, you get **2CC6CF**, and if you desaturate by 10%, it is **56C8CF**.

# Distribution



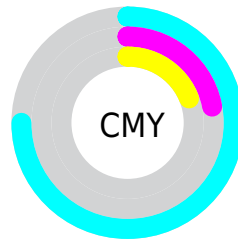
- Red (25%)
- Green (78%)
- Blue (81%)



- Red (25%)
- Yellow (53%)
- Blue (81%)



- Cyan (69%)
- Magenta (4%)
- Yellow (0%)
- Black (19%)



- Cyan (75%)
- Magenta (22%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 41C7CF 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 41C7CF by changing the saturation by 10% instead.



 41C7CF

 41C7CF

FFFFFF

 0AABB3

 83FFFF

 009199

 A2FFFF

 00767F

 C0FFFF

 005D66

 DFFFFF

 00454E

 FDFFFF

 002E37

 001722

 00000A

 000000

 41C7CF

 41C7CF

 2CC6CF

 56C8CF

 18C5CF

 6AC9CF

 03C4CF

 7FCACF

 00C3CF

 94CCCF

 A9CDCF

 BDCECF

 D2CFCF

 E7D0CF

 FBD1CF

# Harmonies

## Analogous

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



62C7AD



41C7CF



4CC3EA

# Triad

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



41C7CF



D9A4DD



D2B174

# Complementary

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



41C7CF



CF4941

# 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.



EBA681



41C7CF



F19DBE

# Square

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



41C7CF



B0AFF2



F69E9C



B1BC78

# Rectangle

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



41C7CF



6BBEF4



F69E9C



DBAD77



# Sweetspot

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



41C7CF



C9FCFF



41CF48



607E80



000000



808080



# Same Dimension

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



41C7CF



2EF3FF



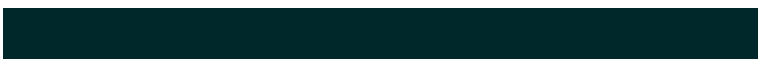
4181CF



5E6869



009FA8



002729



# Inverse Universe

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



CF41C7



FF2EF3



CF8F41



695E68



A8009F

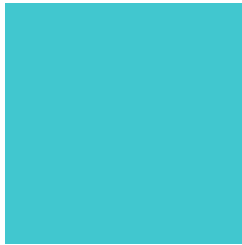


290027



# Previews

## White Background



This preview shows how the Hex color 41C7CF looks on a white background.

## Color Contrast Check

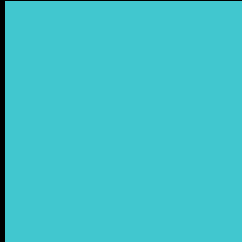
Large Text (above 18pt) WCAG AA × Fail

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 41C7CF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

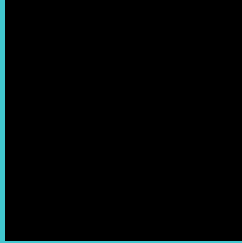
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 41C7CF Background



This preview shows how black text looks on a background with the Hex color 41C7CF.



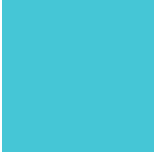
This preview shows how white text looks on a background with the Hex color 41C7CF.

# 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**  
45C6D6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 41C7CF 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 #41C7CF looks like.

```
.text, #text, p{  
    color:#41C7CF  
}
```

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 #41C7CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41C7CF
}
```

## Border

The CSS property to change the border of an element to Hex 41C7CF 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
#41C7CF }
```

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

```
.border{ border-color:#41C7CF }
```

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

Here you see how a box with a 4 pixel #41C7CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41C7CF; -webkit-box-shadow:4px 4px  
4px 4px #41C7CF; box-shadow:4px 4px 4px  
4px #41C7CF }
```

# Background

The CSS property to change the background color of an element to Hex 41C7CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41C7CF }
```

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

```
.background{ background-color:#41C7CF }
```

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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