

# Converting Colors

Hex(41C9E8)

Have a look what the booklet for  
Hex(41C9E8) contains.

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# **Color**

**Hex(41C9E8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	41C9E8
RGB	65, 201, 232
RGB Percent	25%, 79%, 91%
CMY	0.7451, 0.2118, 0.0902
CMYK	0.72, 0.13, 0.00, 0.09
HSL	191°, 78%, 58%
HSV	191°, 72%, 91%
XYZ	37.6321, 48.7233, 83.7650
YIQ	163.8700, -91.0070, -19.1910

# Conversions

## Conversions Part 2

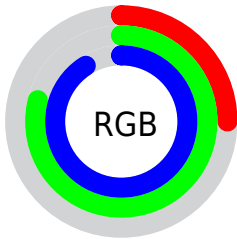
Format	Color
<a href="#">RYB</a>	65, 140, 232
Decimal	4311528
CIELab	75.28, -26.29, -25.88
CIELCh	75, 36.894, 224.547
Yxy	48.7233, 0.2212, 0.2864
Android (android.graphics.Color)	4282501608 (0xFF41C9E8)
YUV	163.8700, 33.5881, -86.7090
Hunter-Lab	69.8021, -25.9197, -22.2887

# Details

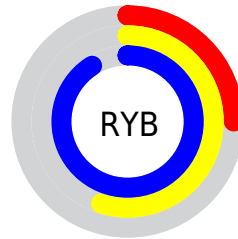
The Hex color **41C9E8** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light muted cyan. A complement of this color would be **E86041**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **86FFFF**, and **0093B0** is the 20% darker color. If you saturate the color by 10%, you get **2AC5E8**, and if you desaturate by 10%, it is **58CDE8**.

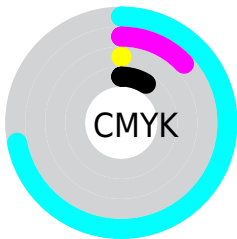
# Distribution



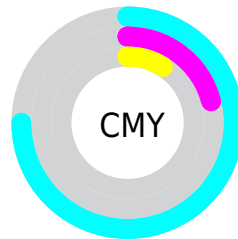
- Red (25%)
- Green (79%)
- Blue (91%)



- Red (25%)
- Yellow (55%)
- Blue (91%)



- Cyan (72%)
- Magenta (13%)
- Yellow (0%)
- Black (9%)



- Cyan (75%)
- Magenta (21%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 41C9E8 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 41C9E8 by changing the saturation by 10% instead.



 41C9E8

 41C9E8

FFFFFF

 00ADCC

 86FFFF

 0093B0

 A5FFFF

 007996

 C4FFFF

 00607C

 E3FFFF

 004863

 00314B

 001D34

 00021F

 000001

■ 41C9E8

■ 41C9E8

■ 2AC5E8

■ 58CDE8

■ 13C0E8

■ 6FD2E8

■ 00BDE8

■ 87D6E8

■ 9EDAE8

■ B5DFE8

■ CCE3E8

■ E3E7E8

■ FBEBE8

■ FFF0E8

# Harmonies

## Analogous

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



48CCC9



41C9E8



6EC2FA

# Triad

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



41C9E8



F1A1CC



C0BD77

# Complementary

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



41C9E8



E86041

# 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.



E0B178



41C9E8



FDA0AA

# Square

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



41C9E8



D2ABEA



F6A68B



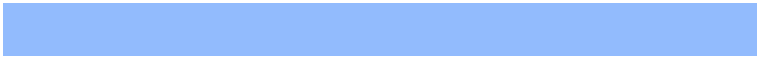
9AC588

# Rectangle

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



41C9E8



92BBFD



F6A68B



CBB975

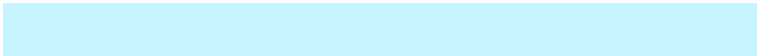


# Sweetspot

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



41C9E8



C7F5FF



41E860



5E7980



000000



808080

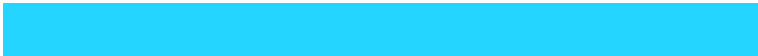


# Same Dimension

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



41C9E8



24D6FF



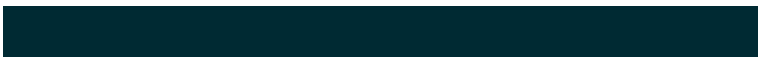
4176E8



677173



0091B3



002A33



# Inverse Universe

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



E841C9



FF24D6



E8B341



736771



B30091

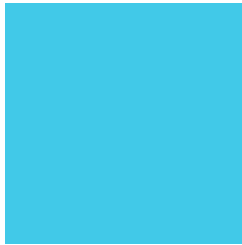


33002A



# Previews

## White Background



This preview shows how the Hex color 41C9E8 looks on a white background.

## Color Contrast Check

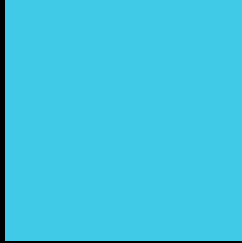
Large Text (above 18pt) WCAG AA × Fail

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 41C9E8 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 41C9E8 Background



This preview shows how black text looks on a background with the Hex color 41C9E8.

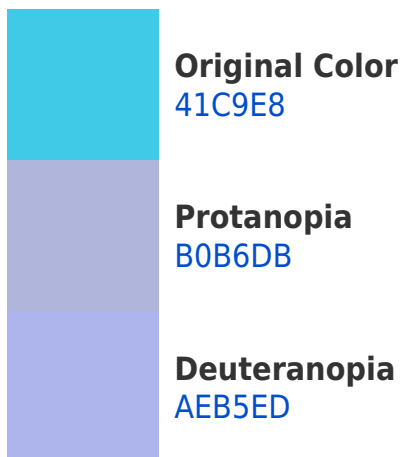


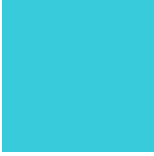
This preview shows how white text looks on a background with the Hex color 41C9E8.

# 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](#).

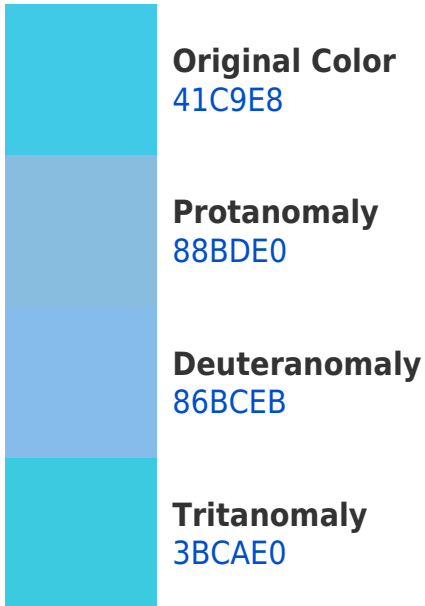
## Dichromacy



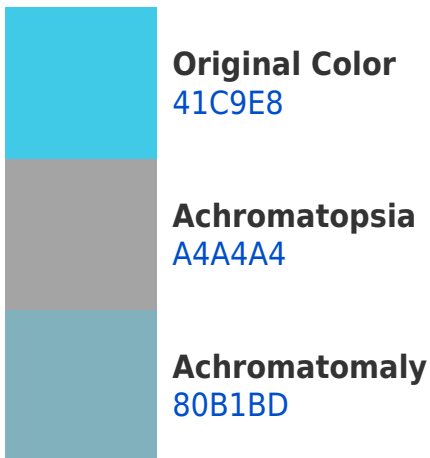


**Tritanopia**  
38CBDC

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 41C9E8 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 #41C9E8 looks like.

```
.text, #text, p{  
    color:#41C9E8  
}
```

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 #41C9E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41C9E8
}
```

## Border

The CSS property to change the border of an element to Hex 41C9E8 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
#41C9E8 }
```

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

```
.border{ border-color:#41C9E8 }
```

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

Here you see how a box with a 4 pixel #41C9E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41C9E8; -webkit-box-shadow:4px 4px  
4px 4px #41C9E8; box-shadow:4px 4px 4px  
4px #41C9E8 }
```

# Background

The CSS property to change the background color of an element to Hex 41C9E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41C9E8 }
```

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

```
.background{ background-color:#41C9E8 }
```

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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