

# Converting Colors

Hex(44C1ED)

Have a look what the booklet for  
Hex(44C1ED) contains.

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# **Color**

**Hex(44C1ED)**

# Conversions

## Conversions Part 1

Format	Color
Hex	44C1ED
RGB	68, 193, 237
RGB Percent	27%, 76%, 93%
CMY	0.7333, 0.2431, 0.0706
CMYK	0.71, 0.19, 0.00, 0.07
HSL	196°, 82%, 60%
HSV	196°, 71%, 93%
XYZ	36.7399, 45.4833, 86.9635
YIQ	160.6410, -88.6240, -12.8160

# Conversions

## Conversions Part 2

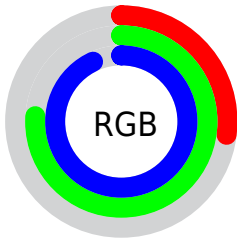
Format	Color
<a href="#">RYB</a>	<a href="#">68, 140, 237</a>
Decimal	<a href="#">4506093</a>
CIELab	<a href="#">73.21, -20.30, -31.75</a>
CIELCh	<a href="#">73, 37.686, 237.414</a>
Yxy	<a href="#">45.4833, 0.2172, 0.2688</a>
Android (android.graphics.Color)	<a href="#">4282696173 (0xFF44C1ED)</a>
YUV	<a href="#">160.6410, 37.6450, -81.2462</a>
Hunter-Lab	<a href="#">67.4413, -20.7810, -29.2437</a>

# Details

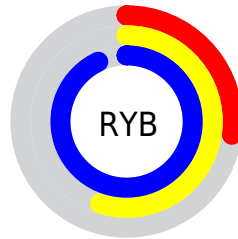
The Hex color **44C1ED** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted cyan. A complement of this color would be **ED7044**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **88FAFF**, and **008BB5** is the 20% darker color. If you saturate the color by 10%, you get **2CBBED**, and if you desaturate by 10%, it is **5CC7ED**.

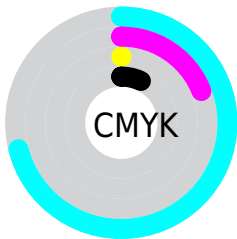
# Distribution



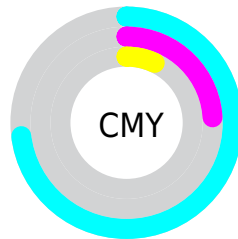
- Red (27%)
- Green (76%)
- Blue (93%)



- Red (27%)
- Yellow (55%)
- Blue (93%)



- Cyan (71%)
- Magenta (19%)
- Yellow (0%)
- Black (7%)



- Cyan (73%)
- Magenta (24%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 44C1ED 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 44C1ED by changing the saturation by 10% instead.



 44C1ED

 44C1ED

FFFFFF

 0AA6D1

 88FAFF

 008BB5

 A7FFFF

 00729A

 C6FFFF

 005980

 E5FFFF

 004267

 002B4E

 001637

 000221

 000007

■ 44C1ED

■ 44C1ED

■ 2CBBED

■ 5CC7ED

■ 15B5ED

■ 73CDED

■ 00AFED

■ 8BD4ED

■ A3DAED

■ BAE0ED

■ D2E6ED

■ EAECED

■ FFF2ED

■ FFF9ED

# Harmonies

## Analogous

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



2DC6D2



44C1ED



7EB8F8

# Triad

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



44C1ED



F399B8



AABB75

# Complementary

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



44C1ED



ED7044

# 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.



CEB16E



44C1ED



F79B96

# Square

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



44C1ED



DDA0D9



E9A57B



81C38D

# Rectangle

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



44C1ED



A3B0F5



E9A57B



B7B871

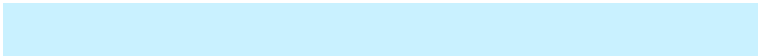


# Sweetspot

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



44C1ED



C9F1FF



44ED6E



607780



000000



808080



# Same Dimension

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



44C1ED



24C6FF



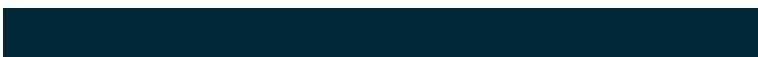
446EED



6A7275



0086B5



002836



# Inverse Universe

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



ED44C1



FF24C6



EDC344



756A72



B50086

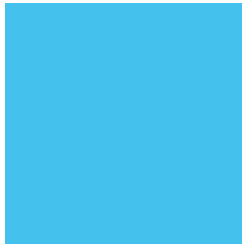


360028



# Previews

## White Background



This preview shows how the Hex color 44C1ED looks on a white background.

## Color Contrast Check

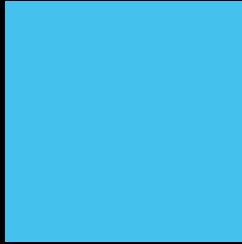
Large Text (above 18pt) WCAG AA × Fail

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 44C1ED 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

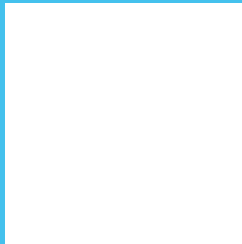
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 44C1ED Background



This preview shows how black text looks on a background with the Hex color 44C1ED.

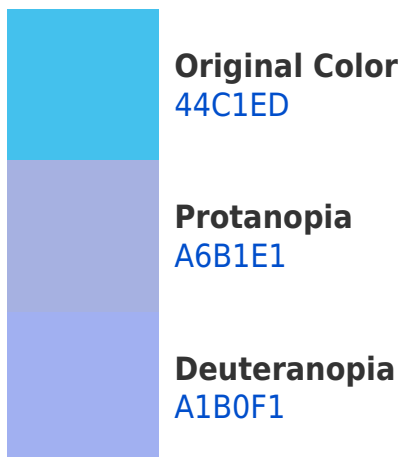


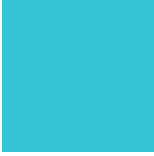
This preview shows how white text looks on a background with the Hex color 44C1ED.

# 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](#).

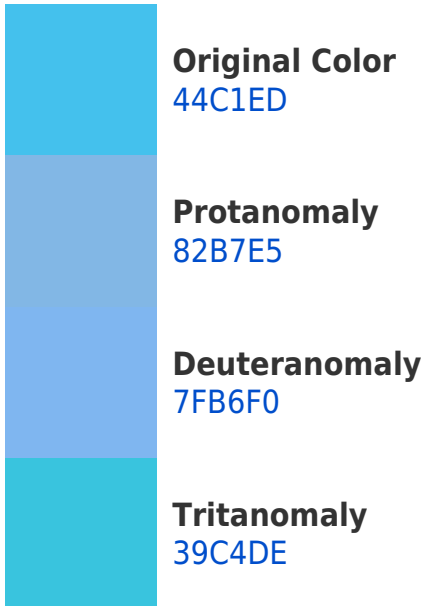
## Dichromacy



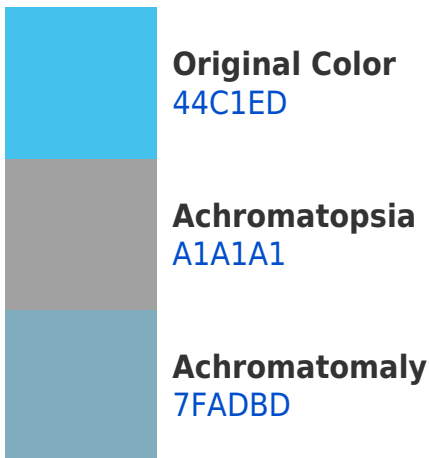


**Tritanopia**  
33C5D5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 44C1ED 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 #44C1ED looks like.

```
.text, #text, p{  
    color:#44C1ED  
}
```

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 #44C1ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44C1ED
}
```

## Border

The CSS property to change the border of an element to Hex 44C1ED 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
#44C1ED }
```

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

```
.border{ border-color:#44C1ED }
```

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

Here you see how a box with a 4 pixel #44C1ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44C1ED; -webkit-box-shadow:4px 4px  
4px 4px #44C1ED; box-shadow:4px 4px 4px  
4px #44C1ED }
```

# Background

The CSS property to change the background color of an element to Hex 44C1ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44C1ED }
```

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

```
.background{ background-color:#44C1ED }
```

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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