

# Converting Colors

Hex(41D8EF)

Have a look what the booklet for  
Hex(41D8EF) contains.

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# **Color**

**Hex(41D8EF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	41D8EF
RGB	65, 216, 239
RGB Percent	25%, 85%, 94%
CMY	0.7451, 0.1529, 0.0627
CMYK	0.73, 0.10, 0.00, 0.06
HSL	188°, 84%, 60%
HSV	188°, 73%, 94%
XYZ	42.3158, 56.4675, 90.3304
YIQ	173.4730, -97.3790, -24.8590

# Conversions

## Conversions Part 2

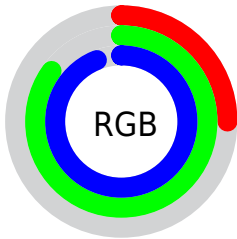
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	65, 146, 239
Decimal	4315375
CIE Lab	79.88, -31.48, -22.62
CIE LCh	80, 38.764, 215.694
Yxy	56.4675, 0.2238, 0.2986
Android (android.graphics.Color)	4282505455 (0xFF41D8EF)
YUV	173.4730, 32.3048, -95.1308
Hunter-Lab	75.1449, -30.9861, -18.6701

# Details

The Hex color **41D8EF** 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 **EF5841**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **88FFFF**, and **00A1B7** is the 20% darker color. If you saturate the color by 10%, you get **29D5EF**, and if you desaturate by 10%, it is **59DBEF**.

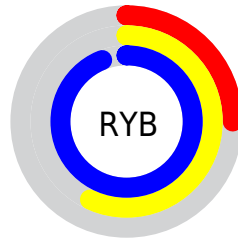
# Distribution



Red (25%)

Green (85%)

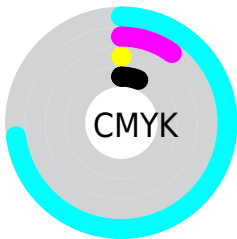
Blue (94%)



Red (25%)

Yellow (57%)

Blue (94%)

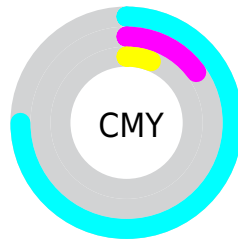


Cyan (73%)

Magenta (10%)

Yellow (0%)

Black (6%)



Cyan (75%)

Magenta (15%)

Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 41D8EF 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 41D8EF by changing the saturation by 10% instead.



 41D8EF

 41D8EF

FFFFFF

 00BCD3

 88FFFF

 00A1B7

 A8FFFF

 00869C

 C7FFFF

 006D82

 E7FFFF

 005469

 003C51

 00273A

 000224

 00000C

■ 41D8EF

■ 41D8EF

■ 29D5EF

■ 59DBEF

■ 11D2EF

■ 71DEEF

■ 00CFEF

■ 89E1EF

■ A1E5EF

■ B8E8EF

■ D0EBEF

■ E8EEEF

■ FFF1EF

■ FFF4EF

# Harmonies

## Analogous

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



59DACC



41D8EF



65D2FF

# Triad

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



41D8EF



FAAFE5



D8C67D

# Complementary

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



41D8EF



EF5841

# 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.



F7BA85



41D8EF



FFAAC0

# Square

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



41D8EF



D4BAFF



FFAF9E



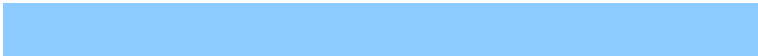
B1D08A

# Rectangle

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



41D8EF



8BCBFF



FFAF9E



E3C27E

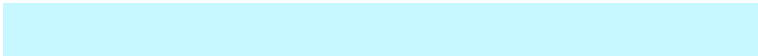


# Sweetspot

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



41D8EF



C7F8FF



41EF55



5E7B80



000000



808080

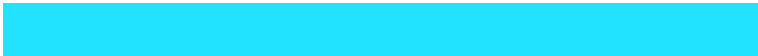


# Same Dimension

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



41D8EF



21E2FF



4184EF



6C7678



009FB8



003138



# Inverse Universe

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



EF41D8



FF21E2



EFAC41



786C76



B8009F

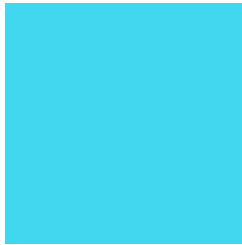


380031



# Previews

## White Background



This preview shows how the Hex color 41D8EF looks on a white background.

## Color Contrast Check

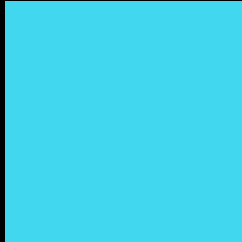
Large Text (above 18pt) WCAG AA × Fail

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 41D8EF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

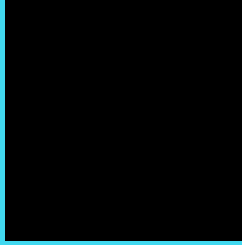
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 41D8EF Background



This preview shows how black text looks on a background with the Hex color 41D8EF.

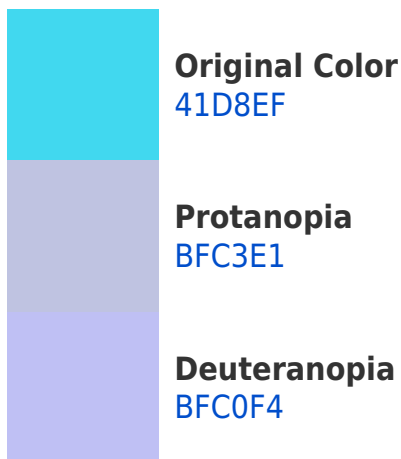


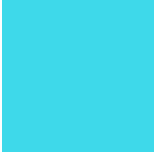
This preview shows how white text looks on a background with the Hex color 41D8EF.

# 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](#).

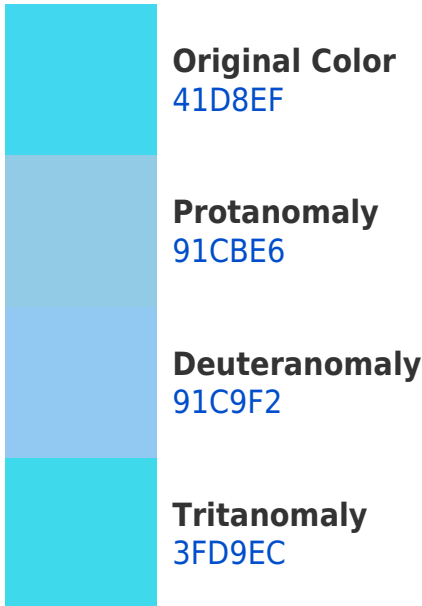
## Dichromacy



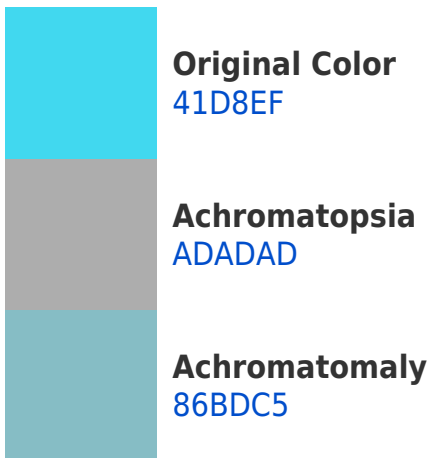


**Tritanopia**  
3ED9EA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 41D8EF 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 #41D8EF looks like.

```
.text, #text, p{  
    color:#41D8EF  
}
```

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 #41D8EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41D8EF
}
```

## Border

The CSS property to change the border of an element to Hex 41D8EF 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
#41D8EF }
```

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

```
.border{ border-color:#41D8EF }
```

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

Here you see how a box with a 4 pixel #41D8EF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41D8EF; -webkit-box-shadow:4px 4px  
4px 4px #41D8EF; box-shadow:4px 4px 4px  
4px #41D8EF }
```

# Background

The CSS property to change the background color of an element to Hex 41D8EF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41D8EF }
```

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

```
.background{ background-color:#41D8EF }
```

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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