

# Converting Colors

Hex(2DC3ED)

Have a look what the booklet for  
Hex(2DC3ED) contains.

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# **Color**

**Hex(2DC3ED)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2DC3ED
RGB	45, 195, 237
RGB Percent	18%, 76%, 93%
CMY	0.8235, 0.2353, 0.0706
CMYK	0.81, 0.18, 0.00, 0.07
HSL	193°, 84%, 55%
HSV	193°, 81%, 93%
XYZ	35.8834, 45.7025, 87.0510
YIQ	154.9380, -102.8820, -18.7380

# Conversions

## Conversions Part 2

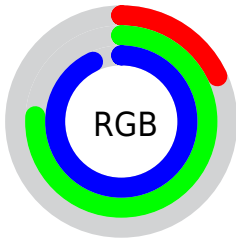
<b>Format</b>	<b>Color</b>
<b>RYB</b>	45, 129, 237
Decimal	2999277
CIELab	73.35, -23.77, -31.57
CIElCh	73, 39.515, 233.026
Yxy	45.7025, 0.2128, 0.2710
Android (android.graphics.Color)	4281189357 (0xFF2DC3ED)
YUV	154.9380, 40.4566, -96.4156
Hunter-Lab	67.6036, -23.5603, -29.0232

# Details

The Hex color **2DC3ED** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed cyan. A complement of this color would be **ED572D**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **7BFCFF**, and **008DB5** is the 20% darker color. If you saturate the color by 10%, you get **15BEED**, and if you desaturate by 10%, it is **45C8ED**.

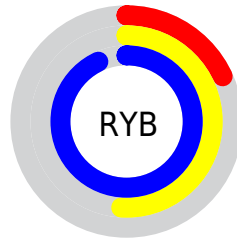
# Distribution



Red (18%)

Green (76%)

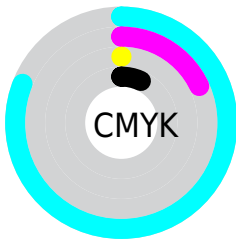
Blue (93%)



Red (18%)

Yellow (51%)

Blue (93%)

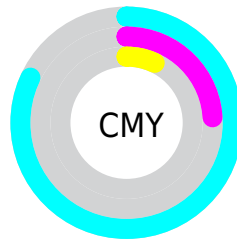


Cyan (81%)

Magenta (18%)

Yellow (0%)

Black (7%)



Cyan (82%)

Magenta (24%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2DC3ED 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 2DC3ED by changing the saturation by 10% instead.



 2DC3ED

 2DC3ED

FFFFFF

 00A8D1

 7BFCFF

 008DB5

 9BFFFF

 00739A

 BBFFFF

 005B80

 DAFFFF


 004367

 FAFFFF

 002C4E

 001737

 000222

 000007

■ 2DC3ED

■ 2DC3ED

■ 15BEED

■ 45C8ED

■ 00B9ED

■ 5CCDED

■ 74D3ED

■ 8CD8ED

■ A3DDED

■ BBE2ED

■ D3E7ED

■ EBECED

■ FFF2ED

# Harmonies

## Analogous

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



1DC7CF



2DC3ED



70BAFB

# Triad

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



2DC3ED



F499BE



B0BB70

# Complementary

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



2DC3ED



ED572D

# 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.



D4AF6C



2DC3ED



FB999A

# Square

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



2DC3ED



DAA1E0



EEA37C



86C387

# Rectangle

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



2DC3ED



99B2FA



EEA37C



BCB76C

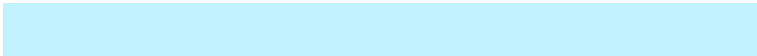


# Sweetspot

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



2DC3ED



C2F2FF



2DED57



5B7780



000000



808080

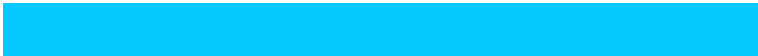


# Same Dimension

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



2DC3ED



08C9FF



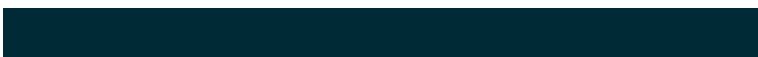
2D63ED



6A7375



008DB5



002A36



# Inverse Universe

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



ED2DC3



FF08C9



EDB72D



756A73



B5008D

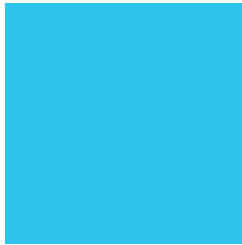


36002A



# Previews

## White Background



This preview shows how the Hex color 2DC3ED looks on a white background.

## Color Contrast Check

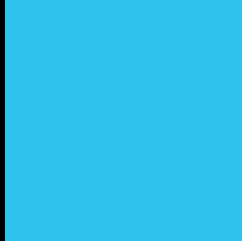
Large Text (above 18pt) WCAG AA × Fail

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 2DC3ED 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 2DC3ED Background



This preview shows how black text looks on a background with the Hex color 2DC3ED.

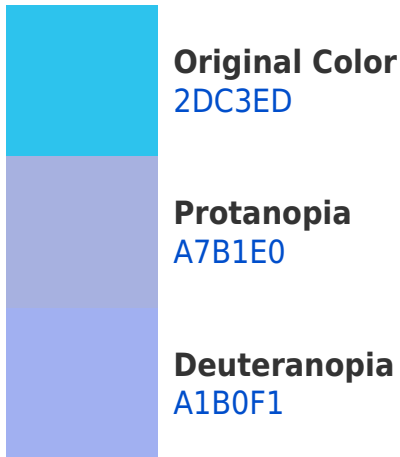


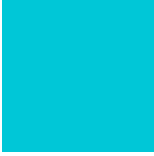
This preview shows how white text looks on a background with the Hex color 2DC3ED.

# 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](#).

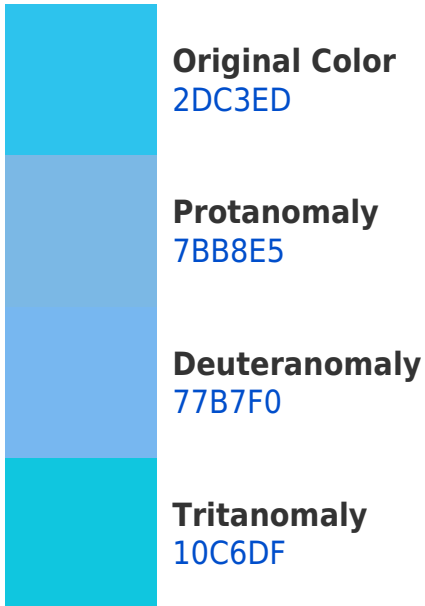
## Dichromacy



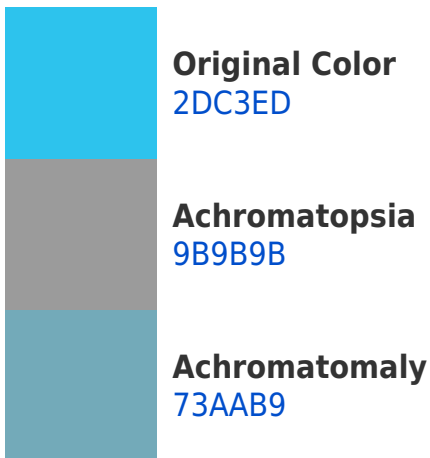


**Tritanopia**  
00C7D7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2DC3ED 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 #2DC3ED looks like.

```
.text, #text, p{  
    color:#2DC3ED  
}
```

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 #2DC3ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2DC3ED
}
```

## Border

The CSS property to change the border of an element to Hex 2DC3ED 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
#2DC3ED }
```

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

```
.border{ border-color:#2DC3ED }
```

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

Here you see how a box with a 4 pixel #2DC3ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2DC3ED; -webkit-box-shadow:4px 4px  
4px 4px #2DC3ED; box-shadow:4px 4px 4px  
4px #2DC3ED }
```

# Background

The CSS property to change the background color of an element to Hex 2DC3ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2DC3ED }
```

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

```
.background{ background-color:#2DC3ED }
```

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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