

# Converting Colors

Hex(31CDE0)

Have a look what the booklet for  
Hex(31CDE0) contains.

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# **Color**

**Hex(31CDE0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	31CDE0
RGB	49, 205, 224
RGB Percent	19%, 80%, 88%
CMY	0.8078, 0.1961, 0.1216
CMYK	0.78, 0.08, 0.00, 0.12
HSL	187°, 74%, 54%
HSV	187°, 78%, 88%
XYZ	36.5525, 49.6974, 78.1871
YIQ	160.5220, -99.0750, -27.1630

# Conversions

## Conversions Part 2

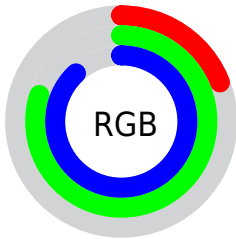
Format	Color
R <sub>YB</sub>	49, 131, 224
Decimal	3263968
CIE Lab	75.88, -32.44, -20.68
CIE LCh	76, 38.473, 212.511
Yxy	49.6974, 0.2223, 0.3022
Android (android.graphics.Color)	4281454048 (0xFF31CDE0)
YUV	160.5220, 31.2947, -97.8048
Hunter-Lab	70.4964, -30.8162, -16.4106

# Details

The Hex color **31CDE0** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **E04431**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **7CFFFF**, and **0096A9** is the 20% darker color. If you saturate the color by 10%, you get **1BCBE0**, and if you desaturate by 10%, it is **47CFE0**.

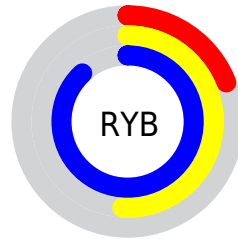
# Distribution



Red (19%)

Green (80%)

Blue (88%)



Red (19%)

Yellow (51%)

Blue (88%)

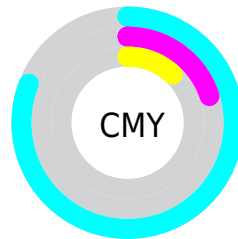


Cyan (78%)

Magenta (8%)

Yellow (0%)

Black (12%)



Cyan (81%)

Magenta (20%)

Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 31CDE0 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 31CDE0 by changing the saturation by 10% instead.



 31CDE0

 31CDE0

FFFFFF

 00B1C4

 7CFFFF

 0096A9

 9CFFFF

 007C8E

 BCFFFF

 006375

 DBFFFF

 004A5C

 FAFFFF

 003344

 001F2E

 00011A

 000000

■ 31CDE0

■ 31CDE0

■ 1BCBE0

■ 47CFE0

■ 04C8E0

■ 5ED2E0

■ 00C8E0

■ 74D4E0

■ 8BD7E0

■ A1D9E0

■ B7DCE0

■ CEDEE0

■ E4E0E0

■ FBE3E0

# Harmonies

## Analogous

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



52CEBD



31CDE0



53C7F9

# Triad

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



31CDE0



EAA5DC



D0BA74

# Complementary

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



31CDE0



E04431

# 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.



EEAE7D



31CDE0



FFA0B9

# Square

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



31CDE0



C3B1F7



FFA397



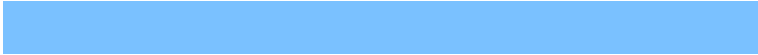
AAC47E

# Rectangle

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



31CDE0



7AC1FF



FFA397



DBB674



# Sweetspot

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



31CDE0



C4F9FF



31E042



5C7C80



000000



808080

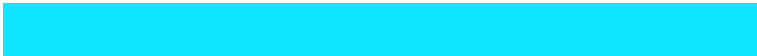


# Same Dimension

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



31CDE0



0FE5FF



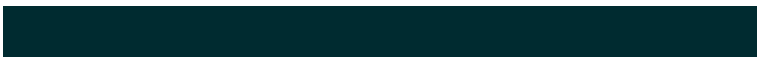
3177E0



656F70



009DB0



002B30



# Inverse Universe

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



E031CD



FF0FE5



E09A31



70656F



B0009D

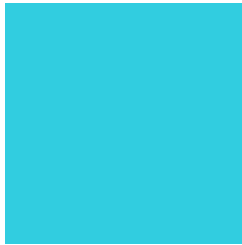


30002B



# Previews

## White Background



This preview shows how the Hex color 31CDE0 looks on a white background.

## Color Contrast Check

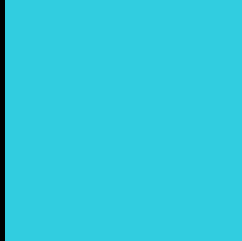
Large Text (above 18pt) WCAG AA × Fail

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 31CDE0 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 31CDE0 Background



This preview shows how black text looks on a background with the Hex color 31CDE0.



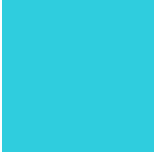
This preview shows how white text looks on a background with the Hex color 31CDE0.

# Color Blindness Simulation

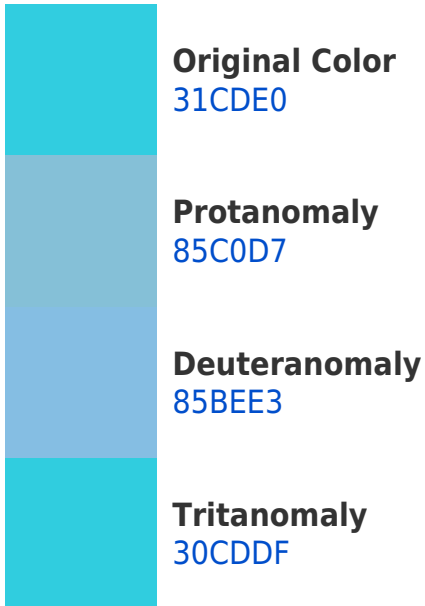
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

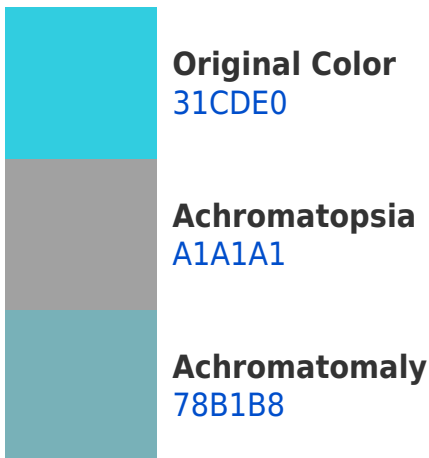




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 31CDE0 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 #31CDE0 looks like.

```
.text, #text, p{  
    color:#31CDE0  
}
```

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 #31CDE0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31CDE0
}
```

## Border

The CSS property to change the border of an element to Hex 31CDE0 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
#31CDE0 }
```

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

```
.border{ border-color:#31CDE0 }
```

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

Here you see how a box with a 4 pixel #31CDE0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31CDE0; -webkit-box-shadow:4px 4px  
4px 4px #31CDE0; box-shadow:4px 4px 4px  
4px #31CDE0 }
```

# Background

The CSS property to change the background color of an element to Hex 31CDE0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31CDE0 }
```

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

```
.background{ background-color:#31CDE0 }
```

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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