

# Converting Colors

Hex(31CEC5)

Have a look what the booklet for  
Hex(31CEC5) contains.

<b>Hex(31CEC5)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(31CEC5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	31CEC5
RGB	49, 206, 197
RGB Percent	19%, 81%, 77%
CMY	0.8078, 0.1922, 0.2275
CMYK	0.76, 0.00, 0.04, 0.19
HSL	177°, 62%, 50%
HSV	177°, 76%, 81%
XYZ	33.4160, 48.8268, 60.4866
YIQ	158.0310, -90.6830, -36.0830

# Conversions

## Conversions Part 2

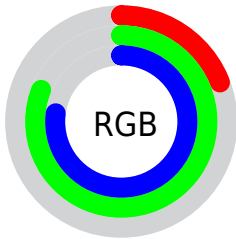
<b>Format</b>	<b>Color</b>
<b>RYB</b>	49, 130, 206
Decimal	3264197
CIELab	75.34, -40.83, -6.92
CIELCh	75, 41.412, 189.622
Yxy	48.8268, 0.2341, 0.3421
Android (android.graphics.Color)	4281454277 (0xFF31CEC5)
YUV	158.0310, 19.2117, -95.6202
Hunter-Lab	69.8762, -36.9216, -2.4096

# Details

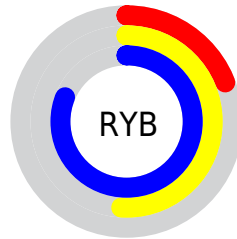
The Hex color **31CEC5** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light muted cyan. A complement of this color would be **CE313A**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **79FFFE**, and **00978F** is the 20% darker color. If you saturate the color by 10%, you get **1CCEC4**, and if you desaturate by 10%, it is **46CEC6**.

# Distribution



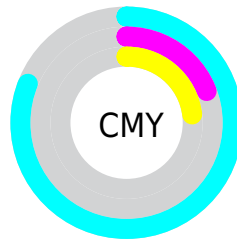
- Red (19%)
- Green (81%)
- Blue (77%)



- Red (19%)
- Yellow (51%)
- Blue (81%)



- Cyan (76%)
- Magenta (0%)
- Yellow (4%)
- Black (19%)



- Cyan (81%)
- Magenta (19%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 31CEC5 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 31CEC5 by changing the saturation by 10% instead.



 31CEC5

 31CEC5

FFFFFF

 00B2AA

 79FFFE

 00978F

 99FFFF

 007C76

 B8FFFF

 00635D

 D7FFFF

 004A46

 F5FFFF

 00322F

 001C1B

 000000

 31CEC5

 31CEC5

■ 1CCEC4

■ 46CEC6

■ 08CEC3

■ 5ACEC7

■ 00CEC2

■ 6FCEC9

■ 83CECA

■ 98CECB

■ ADCECC

■ C1CEDD

■ D6CECE

■ EACED0

# Harmonies

## Analogous

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



6DCC9E



31CEC5



00CCE9

# Triad

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



31CEC5



CEABF5



E9AE72

# Complementary

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



31CEC5



CE313A

# 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.



FFA28B



31CEC5



F39FD5

# Square

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



31CEC5



96B9FF



FF9CAF



C6BB6D

# Rectangle

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



31CEC5



36C8FA



FF9CAF



F2AA79

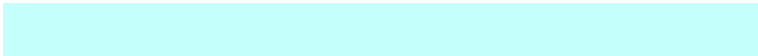


# Sweetspot

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



31CEC5



C4FFFC



3BCE31



5C807D



000000



808080



# Same Dimension

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



31CEC5



17FFF2



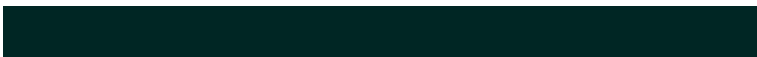
318ACE



5C6665



00A69C



002624



# Inverse Universe

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



CE313A



FF1724



CE7531



665C5C



A6000A

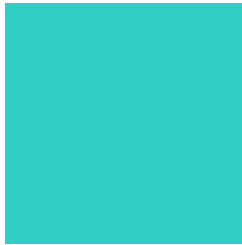


260002



# Previews

## White Background



This preview shows how the Hex color 31CEC5 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 31CEC5 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

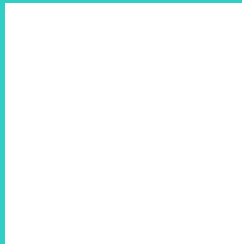
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 31CEC5 Background



This preview shows how black text looks on a background with the Hex color 31CEC5.



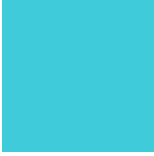
This preview shows how white text looks on a background with the Hex color 31CEC5.

# 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**  
40CBDB

# Trichromacy



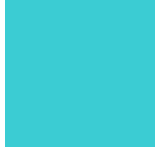
**Original Color**  
31CEC5



**Protanomaly**  
89BFBD



**Deuteranomaly**  
8DBDC9



**Tritanomaly**  
3BCCD3

# Monochromacy



**Original Color**  
31CEC5



**Achromatopsia**  
9E9E9E



**Achromatomaly**  
76AFAC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 31CEC5 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 #31CEC5 looks like.

```
.text, #text, p{  
    color:#31CEC5  
}
```

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 #31CEC5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31CEC5
}
```

## Border

The CSS property to change the border of an element to Hex 31CEC5 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
#31CEC5 }
```

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

```
.border{ border-color:#31CEC5 }
```

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

Here you see how a box with a 4 pixel #31CEC5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31CEC5; -webkit-box-shadow:4px 4px  
4px 4px #31CEC5; box-shadow:4px 4px 4px  
4px #31CEC5 }
```

# Background

The CSS property to change the background color of an element to Hex 31CEC5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31CEC5 }
```

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

```
.background{ background-color:#31CEC5 }
```

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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