

Converting Colors

Hex(31C0BD)

Have a look what the booklet for
Hex(31C0BD) contains.

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Color

Hex(31C0BD)

Conversions

Conversions Part 1	
Format	Color
Hex	31C0BD
RGB	49, 192, 189
RGB Percent	19%, 75%, 74%
CMY	0.8078, 0.2471, 0.2588
CMYK	0.74, 0.00, 0.02, 0.25
HSL	179°, 59%, 47%
HSV	179°, 74%, 75%
XYZ	29.3016, 42.0264, 54.7117
YIQ	148.9010, -84.2650, -31.2490

Conversions

Conversions Part 2

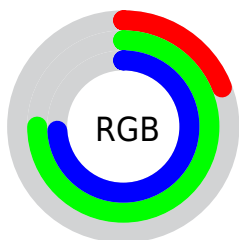
Format	Color
RYB	49, 121, 192
Decimal	3260605
CIELab	70.89, -36.75, -9.19
CIELCh	71, 37.885, 194.044
Yxy	42.0264, 0.2325, 0.3334
Android (android.graphics.Color)	4281450685 (0xFF31C0BD)
YUV	148.9010, 19.7688, -87.6132
Hunter-Lab	64.8277, -32.7681, -4.6586

Details

The Hex color **31C0BD** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle muted spring green. A complement of this color would be **C03134**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **77F9F5**, and **008A88** is the 20% darker color. If you saturate the color by 10%, you get **1EC0BD**, and if you desaturate by 10%, it is **44C0BD**.

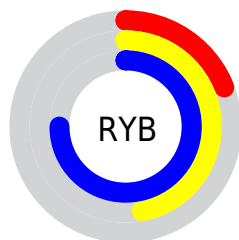
Distribution



Red (19%)

Green (75%)

Blue (74%)



Red (19%)

Yellow (47%)

Blue (75%)

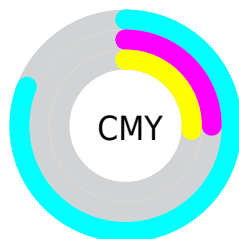


Cyan (74%)

Magenta (0%)

Yellow (2%)

Black (25%)



Cyan (81%)

Magenta (25%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 31C0BD 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 31C0BD by changing the saturation by 10% instead.

 31C0BD

FFFFFF

 77F9F5

 96FFFF

 B4FFFF

 D2FFFF

 F1FFFF

 31C0BD

 00A5A2

 008A88

 00706E

 005756

 003F3F

 002929

 000715

 000000

 31C0BD

 31C0BD

 1EC0BD

 44C0BD

 0BC0BC

 57C0BE

 00C0BC

 6BC0BE

 7EC0BF

 91C0BF

 A4C0BF

 B7C0C0

 CBC0C0

 DEC0C1

Harmonies

Analogous

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



62BF99



31C0BD



21BDDC

Triad

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



31C0BD



C69FDF



D4A56B

Complementary

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



31C0BD



C03134

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.



EA9A7F



31C0BD



E595C1

Square

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



31C0BD



96ABF0



F1939E



B4B16A

Rectangle

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



31C0BD



47B9EB



F1939E



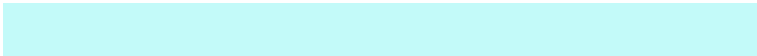
DDA170

Sweetspot

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



31C0BD



C3FAF9



36C031



5C7D7C



FCFCFC



7D7D7D

Same Dimension

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



31C0BD



1BFAF5



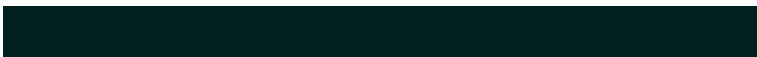
317DC0



576161



00A19D



002120

Inverse Universe

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



C03134



FA1B20



C07431



615757



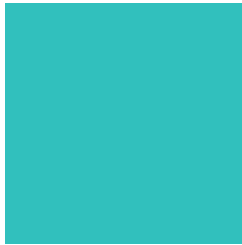
A10003



210001

Previews

White Background



This preview shows how the Hex color 31C0BD 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 31C0BD 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

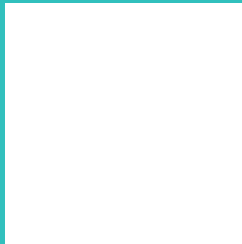
Any Text WCAG AAA ✓ Pass

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

Hex 31C0BD Background



This preview shows how black text looks on a background with the Hex color 31C0BD.

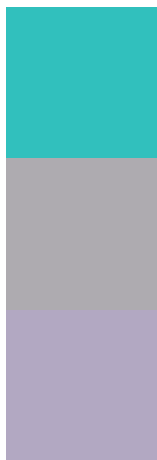


This preview shows how white text looks on a background with the Hex color 31C0BD.

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](#).

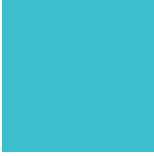
Dichromacy



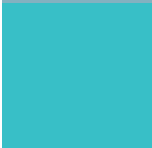
Original Color
31C0BD

Protanopia
AEABB0

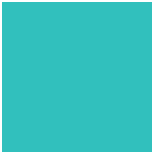
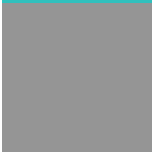

Deuteranopia
B2A8C2



Trichromacy

	Original Color 31C0BD
	Protanomaly 81B3B5
	Deuteranomaly 83B1C0
	Tritanomaly 38BFC7

Monochromacy

	Original Color 31C0BD
	Achromatopsia 959595
	Achromatomaly 71A5A4

CSS Examples

Text

The CSS property to change the color of the text to Hex 31C0BD 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 #31C0BD looks like.

```
.text, #text, p{  
    color:#31C0BD  
}
```

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 #31C0BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31C0BD
}
```

Border

The CSS property to change the border of an element to Hex 31C0BD 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
#31C0BD }
```

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

```
.border{ border-color:#31C0BD }
```

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

Here you see how a box with a 4 pixel #31C0BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31C0BD; -webkit-box-shadow:4px 4px  
4px 4px #31C0BD; box-shadow:4px 4px 4px  
4px #31C0BD }
```

Background

The CSS property to change the background color of an element to Hex 31C0BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31C0BD }
```

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

```
.background{ background-color:#31C0BD }
```

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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