

Converting Colors

Hex(31C1C4)

Have a look what the booklet for
Hex(31C1C4) contains.

Hex(31C1C4)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(31C1C4)

Conversions

Conversions Part 1

Format	Color
Hex	31C1C4
RGB	49, 193, 196
RGB Percent	19%, 76%, 77%
CMY	0.8078, 0.2431, 0.2314
CMYK	0.75, 0.02, 0.00, 0.23
HSL	181°, 60%, 48%
HSV	181°, 75%, 77%
XYZ	30.3004, 42.7784, 58.8846
YIQ	150.2860, -86.7870, -29.5950

Conversions

Conversions Part 2

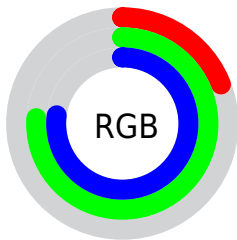
Format	Color
RYB	49, 122, 196
Decimal	3260868
CIELab	71.40, -35.18, -12.25
CIELCh	71, 37.249, 199.198
Yxy	42.7784, 0.2296, 0.3242
Android (android.graphics.Color)	4281450948 (0xFF31C1C4)
YUV	150.2860, 22.5370, -88.8278
Hunter-Lab	65.4052, -31.7651, -7.5954




Details

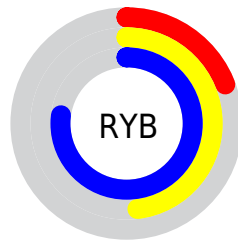
The Hex color **31C1C4** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **C43431**, and the grayscale version is **969696**.




A 20% lighter version of the original color is **78FAFD**, and **008B8E** is the 20% darker color. If you saturate the color by 10%, you get **1DC1C4**, and if you desaturate by 10%, it is **45C1C4**.

Distribution







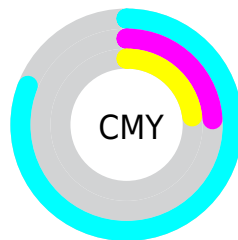
-  Red (19%)
-  Green (76%)
-  Blue (77%)






-  Red (19%)
-  Yellow (48%)
-  Blue (77%)



-  Cyan (75%)
-  Magenta (2%)
-  Yellow (0%)
-  Black (23%)



-  Cyan (81%)
-  Magenta (24%)
-  Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 31C1C4 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 31C1C4 by changing the saturation by 10% instead.

 31C1C4

 31C1C4

FFFFFF

 00A6A9

 78FAFD

 008B8E

 97FFFF

 007175

 B5FFFF

 00585C

 D4FFFF

 004045

 F2FFFF

 00292E

 000B1A

 000000

 31C1C4

 31C1C4

■ 1DC1C4

■ 45C1C4

■ 0AC0C4

■ 58C2C4

■ 00C0C4

■ 6CC2C4

■ 7FC3C4

■ 93C3C4

■ A7C3C4

■ BAC4C4

■ CEC4C4

■ E1C5C4

Harmonies

Analogous

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



5EC0A1



31C1C4



32BEE1

Triad

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



31C1C4



CE9EDC



D0A96C

Complementary

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



31C1C4



C43431

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.



E89D7D



31C1C4



E996BD

Square

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



31C1C4



A1ABEF



F2959A



AFB46E

Rectangle

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



31C1C4



56B9EE



F2959A



DAA570

Sweetspot

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



31C1C4



C4FEFF



31C433



5C7F80



000000



808080

Same Dimension

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



31C1C4



19FAFF



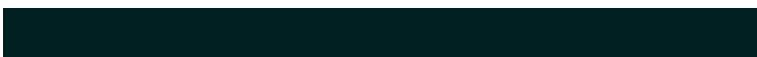
3178C4



576161



009DA1



002021

Inverse Universe

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



C431C1



FF19FA



C47D31



615761



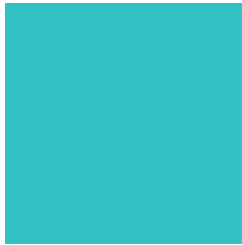
A1009D



210020

Previews

White Background



This preview shows how the Hex color 31C1C4 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 31C1C4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

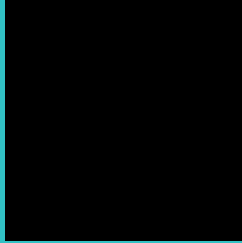
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

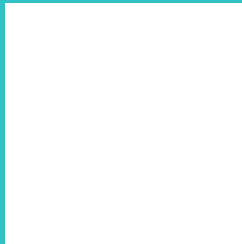
Any Text WCAG AAA ✓ Pass

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

Hex 31C1C4 Background



This preview shows how black text looks on a background with the Hex color 31C1C4.



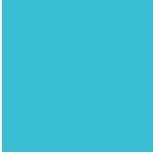
This preview shows how white text looks on a background with the Hex color 31C1C4.

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
39BFCF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 31C1C4 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 #31C1C4 looks like.

```
.text, #text, p{  
    color:#31C1C4  
}
```

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 #31C1C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31C1C4
}
```

Border

The CSS property to change the border of an element to Hex 31C1C4 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
#31C1C4 }
```

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

```
.border{ border-color:#31C1C4 }
```

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

Here you see how a box with a 4 pixel #31C1C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31C1C4; -webkit-box-shadow:4px 4px  
4px 4px #31C1C4; box-shadow:4px 4px 4px  
4px #31C1C4 }
```

Background

The CSS property to change the background color of an element to Hex 31C1C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31C1C4 }
```

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

```
.background{ background-color:#31C1C4 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor