

Converting Colors

Hex(31C190)

Have a look what the booklet for
Hex(31C190) contains.

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Color

Hex(31C190)

Conversions

Conversions Part 1

Format	Color
Hex	31C190
RGB	49, 193, 144
RGB Percent	19%, 76%, 56%
CMY	0.8078, 0.2431, 0.4353
CMYK	0.75, 0.00, 0.25, 0.24
HSL	160°, 60%, 47%
HSV	160°, 75%, 76%
XYZ	25.3706, 40.8065, 32.9248
YIQ	144.3580, -70.0950, -45.7670

Conversions

Conversions Part 2

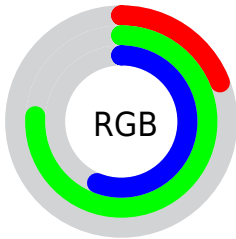
Format	Color
RYB	49, 136, 193
Decimal	3260816
CIELab	70.04, -48.93, 14.10
CIELCh	70, 50.920, 163.920
Yxy	40.8065, 0.2560, 0.4118
Android (android.graphics.Color)	4281450896 (0xFF31C190)
YUV	144.3580, -0.1765, -83.6290
Hunter-Lab	63.8800, -40.8967, 14.1569

Details

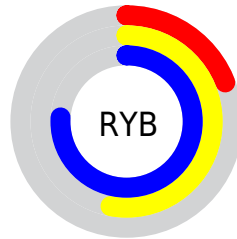
The Hex color **31C190** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **C13162**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **74FAC6**, and **008A5E** is the 20% darker color. If you saturate the color by 10%, you get **1EC189**, and if you desaturate by 10%, it is **44C197**.

Distribution



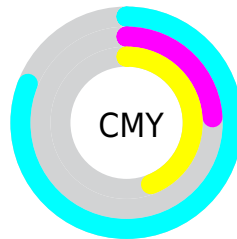
- Red (19%)
- Green (76%)
- Blue (56%)



- Red (19%)
- Yellow (53%)
- Blue (76%)



- Cyan (75%)
- Magenta (0%)
- Yellow (25%)
- Black (24%)



- Cyan (81%)
- Magenta (24%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 31C190 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 31C190 by changing the saturation by 10% instead.

 31C190

 31C190

FFFFFF

 00A576

 74FAC6

 008A5E

 92FFE2

 007046

 B0FFFF

 00572F

 CEFFFF

 003E1A

 ECFFFF

 002800

 000000

 31C190

 31C190

 1EC189

 44C197

■ 0AC183

■ 58C19D

■ 00C17F

■ 6BC1A4

■ 7EC1AA

■ 92C1B1

■ A5C1B7

■ B8C1BE

■ CBC1C5

■ DFC1CB

Harmonies

Analogous

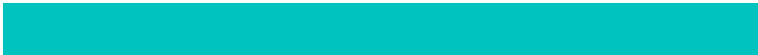
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



7EBB66



31C190



00C3C0

Triad

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



31C190



85A9FF



F88F6D

Complementary

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



31C190



C13162

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.



FF8597



31C190



CB97EE

Square

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



31C190



00B7FF



F488C6



DBA051

Rectangle

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



31C190



00C1DD



F488C6



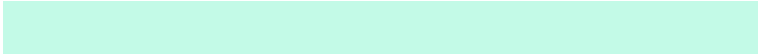
FE8A7A

Sweetspot

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



31C190



C3FAE7



63C131



5C7D72



FCFCFC



7D7D7D

Same Dimension

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



31C190



19FAAD



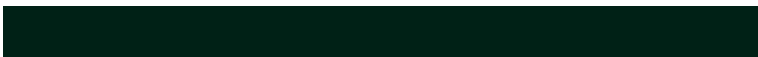
31ABC1



57615E



00A16A



002116

Inverse Universe

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



C13162



FA1966



C14731



61575B



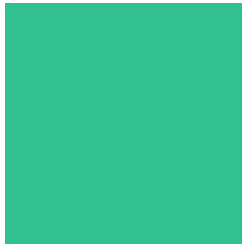
A10037



21000B

Previews

White Background



This preview shows how the Hex color 31C190 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 31C190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

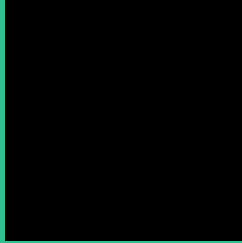
Any Text WCAG AA ✓ Pass

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 31C190 Background



This preview shows how black text looks on a background with the Hex color 31C190.

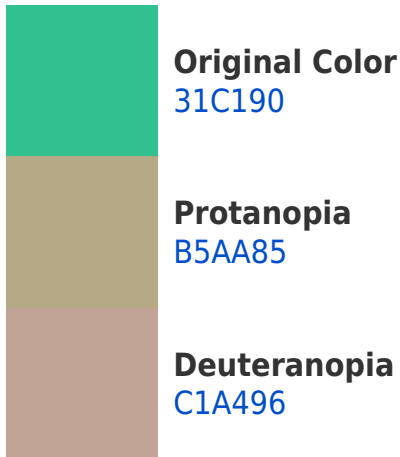


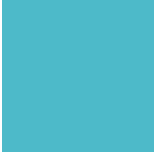
This preview shows how white text looks on a background with the Hex color 31C190.

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](#).

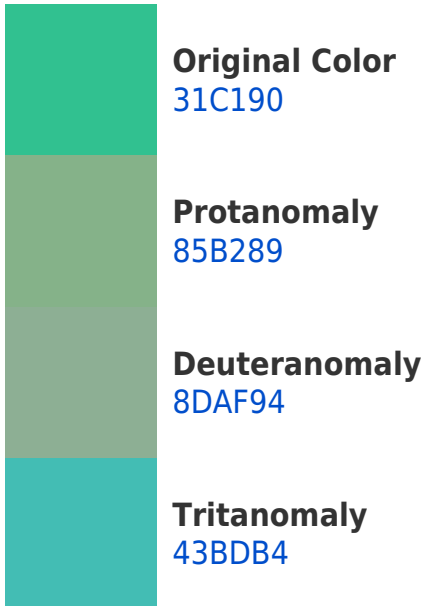
Dichromacy



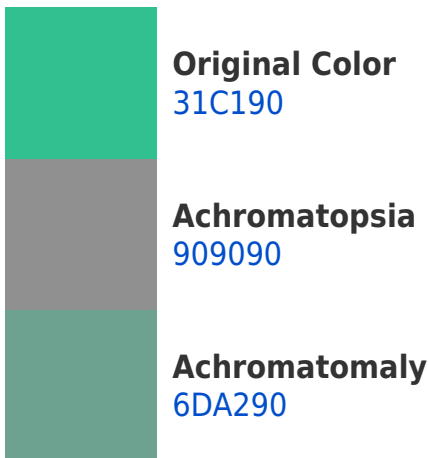


Tritanopia
4DBAC9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 31C190 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 #31C190 looks like.

```
.text, #text, p{  
    color:#31C190  
}
```

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 #31C190 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31C190
}
```

Border

The CSS property to change the border of an element to Hex 31C190 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
#31C190 }
```

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

```
.border{ border-color:#31C190 }
```

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

Here you see how a box with a 4 pixel #31C190 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31C190; -webkit-box-shadow:4px 4px  
4px 4px #31C190; box-shadow:4px 4px 4px  
4px #31C190 }
```

Background

The CSS property to change the background color of an element to Hex 31C190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31C190 }
```

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

```
.background{ background-color:#31C190 }
```

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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