

Converting Colors

Hex(31C1A6)

Have a look what the booklet for
Hex(31C1A6) contains.

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Color

Hex(31C1A6)

Conversions

Conversions Part 1

Format	Color
Hex	31C1A6
RGB	49, 193, 166
RGB Percent	19%, 76%, 65%
CMY	0.8078, 0.2431, 0.3490
CMYK	0.75, 0.00, 0.14, 0.24
HSL	169°, 60%, 47%
HSV	169°, 75%, 76%
XYZ	27.2195, 41.5461, 42.6610
YIQ	146.8660, -77.1570, -38.9250

Conversions

Conversions Part 2

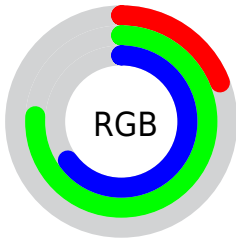
Format	Color
RYB	49, 128, 193
Decimal	3260838
CIELab	70.56, -43.52, 2.89
CIELCh	71, 43.613, 176.203
Yxy	41.5461, 0.2443, 0.3729
Android (android.graphics.Color)	4281450918 (0xFF31C1A6)
YUV	146.8660, 9.4331, -85.8285
Hunter-Lab	64.4562, -37.4188, 5.8777

Details

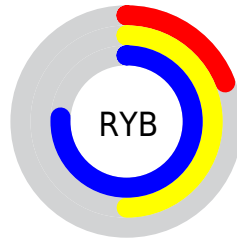
The Hex color **31C1A6** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **C1314C**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **75FADD**, and **008A72** is the 20% darker color. If you saturate the color by 10%, you get **1EC1A2**, and if you desaturate by 10%, it is **44C1AA**.

Distribution



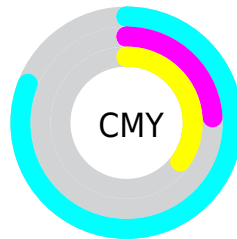
- Red (19%)
- Green (76%)
- Blue (65%)



- Red (19%)
- Yellow (50%)
- Blue (76%)



- Cyan (75%)
- Magenta (0%)
- Yellow (14%)
- Black (24%)



- Cyan (81%)
- Magenta (24%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 31C1A6 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 31C1A6 by changing the saturation by 10% instead.

 31C1A6

 31C1A6

FFFFFF

 00A58C

 75FADD

 008A72

 94FFFA

 00705A

 B2FFFF

 005742

 D0FFFF

 003F2C

 EEEFFF

 002918

 000400

 000000

 31C1A6

 31C1A6

■ 1EC1A2

■ 44C1AA

■ 0AC19F

■ 58C1AD

■ 00C19D

■ 6BC1B1

■ 7EC1B4

■ 92C1B8

■ A5C1BC

■ B8C1BF

■ CBC1C3

■ DFC1C7

Harmonies

Analogous

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



73BD7F



31C1A6



00C1CE

Triad

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



31C1A6



A9A4F4



E89A6C

Complementary

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



31C1A6



C1314C

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.



F88F8C



31C1A6



D996D9

Square

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



31C1A6



63B2FB



F48DB3



CAA95C

Rectangle

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



31C1A6



00BEE5



F48DB3



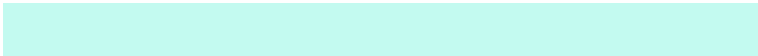
EF9675

Sweetspot

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



31C1A6



C3FAF0



4EC131



5C7D77



FCFCFC



7D7D7D

Same Dimension

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



31C1A6



19FAD0



3196C1



57615F



00A183



00211B

Inverse Universe

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



C1314C



FA1943



C15C31



615759



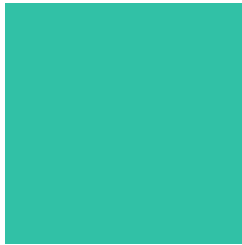
A1001E



210006

Previews

White Background



This preview shows how the Hex color 31C1A6 looks on a white background.

Color Contrast Check

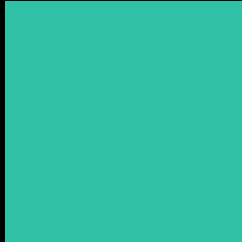
Large Text (above 18pt) WCAG AA × Fail

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 31C1A6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

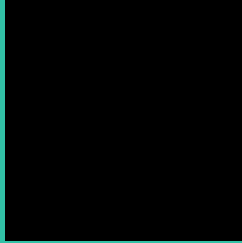
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

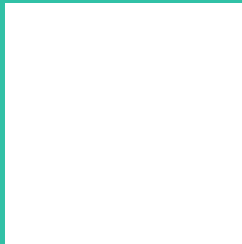
Any Text WCAG AAA ✓ Pass

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

Hex 31C1A6 Background



This preview shows how black text looks on a background with the Hex color 31C1A6.

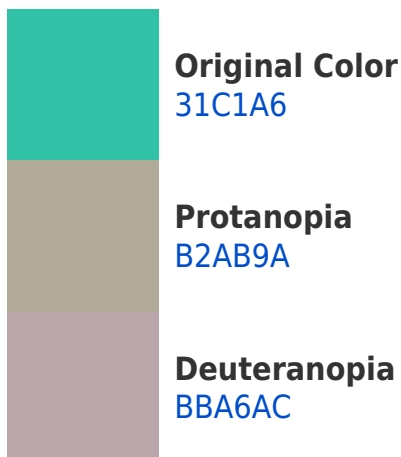


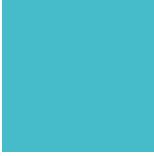
This preview shows how white text looks on a background with the Hex color 31C1A6.

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
46BCCB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 31C1A6 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 #31C1A6 looks like.

```
.text, #text, p{  
    color:#31C1A6  
}
```

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 #31C1A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31C1A6
}
```

Border

The CSS property to change the border of an element to Hex 31C1A6 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
#31C1A6 }
```

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

```
.border{ border-color:#31C1A6 }
```

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

Here you see how a box with a 4 pixel #31C1A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31C1A6; -webkit-box-shadow:4px 4px  
4px 4px #31C1A6; box-shadow:4px 4px 4px  
4px #31C1A6 }
```

Background

The CSS property to change the background color of an element to Hex 31C1A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31C1A6 }
```

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

```
.background{ background-color:#31C1A6 }
```

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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