

# Converting Colors

Hex(31CE8F)

Have a look what the booklet for  
Hex(31CE8F) contains.

<b>Hex(31CE8F)</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(31CE8F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	31CE8F
RGB	49, 206, 143
RGB Percent	19%, 81%, 56%
CMY	0.8078, 0.1922, 0.4392
CMYK	0.76, 0.00, 0.31, 0.19
HSL	156°, 62%, 50%
HSV	156°, 76%, 81%
XYZ	28.2959, 46.7788, 33.5245
YIQ	151.8750, -73.3490, -52.8770

# Conversions

## Conversions Part 2

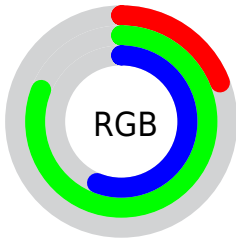
<b>Format</b>	<b>Color</b>
<b>RYB</b>	49, 147, 206
Decimal	3264143
CIELab	74.05, -54.28, 20.20
CIELCh	74, 57.916, 159.583
Yxy	46.7788, 0.2606, 0.4307
Android (android.graphics.Color)	4281454223 (0xFF31CE8F)
YUV	151.8750, -4.3754, -90.2214
Hunter-Lab	68.3950, -45.8436, 18.8149

# Details

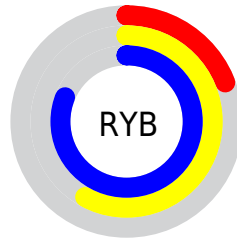
The Hex color **31CE8F** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark muted spring green. A complement of this color would be **CE3170**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **77FFC5**, and **00965C** is the 20% darker color. If you saturate the color by 10%, you get **1CCE87**, and if you desaturate by 10%, it is **46CE97**.

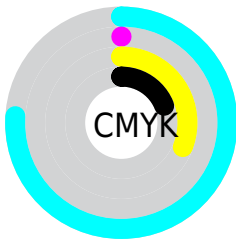
# Distribution



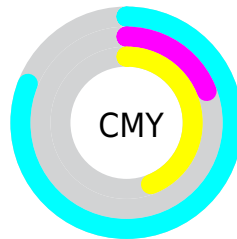
- Red (19%)
- Green (81%)
- Blue (56%)



- Red (19%)
- Yellow (58%)
- Blue (81%)



- Cyan (76%)
- Magenta (0%)
- Yellow (31%)
- Black (19%)



- Cyan (81%)
- Magenta (19%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 31CE8F 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 31CE8F by changing the saturation by 10% instead.



 31CE8F

 31CE8F

FFFFFF

 00B275

 77FFC5

 00965C

 95FFE1

 007C44

 B4FFFE

 00622E

 D2FFFF


 004818

 F1FFFF

 003100

 001700

 000000

 31CE8F

 31CE8F

 1CCE87

 46CE97

 08CE7E

 5ACEA0

 00CE7B

 6FCEA8

 83CEB0

 98CEB8

 ADCEC1

 C1CEC9

 D6CED1

 EACED9

# Harmonies

## Analogous

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



8BC660



31CE8F



00D1C6

# Triad

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



31CE8F



76B6FF



FF9375

# Complementary

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



31CE8F



CE3170

# 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.



FF88A7



31CE8F



D0A1FF

# Square

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



31CE8F



00C6FF



FF8EDC



F2A651

# Rectangle

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



31CE8F



00D0E9



FF8EDC



FF8D84

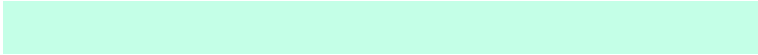


# Sweetspot

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



31CE8F



C4FFE7



72CE31



5C8071



000000



808080



# Same Dimension

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



31CE8F



17FFA2



31C1CE



5C6662



00A663



002617



# Inverse Universe

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



CE3170



FF1774



CE3E31



665C60



A60043

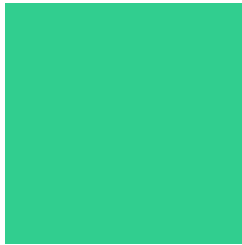


26000F



# Previews

## White Background



This preview shows how the Hex color 31CE8F looks on a white background.

## Color Contrast Check

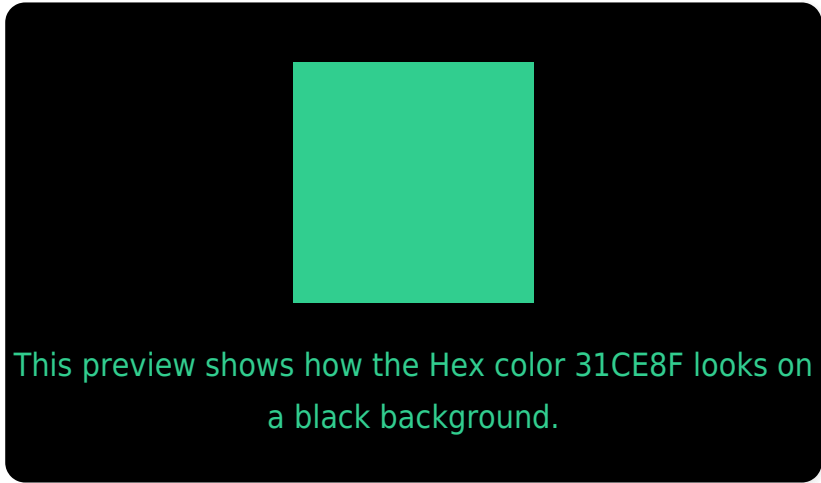
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

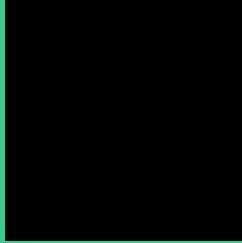
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 31CE8F Background



This preview shows how black text looks on a background with the Hex color 31CE8F.

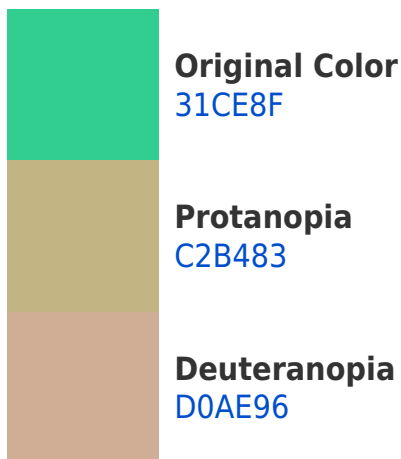


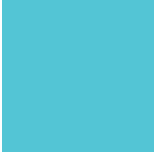
This preview shows how white text looks on a background with the Hex color 31CE8F.

# 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



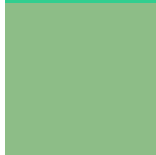


**Tritanopia**  
53C5D5

# Trichromacy



**Original Color**  
31CE8F



**Protanomaly**  
8DBD87



**Deuteranomaly**  
96BA93

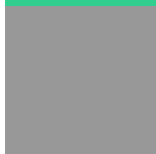


**Tritanomaly**  
47C8BC

# Monochromacy



**Original Color**  
31CE8F



**Achromatopsia**  
989898



**Achromatomaly**  
73AC95

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 31CE8F 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 #31CE8F looks like.

```
.text, #text, p{  
    color:#31CE8F  
}
```

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 #31CE8F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31CE8F
}
```

## Border

The CSS property to change the border of an element to Hex 31CE8F 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
#31CE8F }
```

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

```
.border{ border-color:#31CE8F }
```

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

Here you see how a box with a 4 pixel #31CE8F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31CE8F; -webkit-box-shadow:4px 4px  
4px 4px #31CE8F; box-shadow:4px 4px 4px  
4px #31CE8F }
```

# Background

The CSS property to change the background color of an element to Hex 31CE8F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31CE8F }
```

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

```
.background{ background-color:#31CE8F }
```

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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