

# Converting Colors

Hex(30E2C1)

Have a look what the booklet for  
Hex(30E2C1) contains.

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# Color

Hex(30E2C1)

# Conversions

## Conversions Part 1

Format	Color
Hex	30E2C1
RGB	48, 226, 193
RGB Percent	19%, 89%, 76%
CMY	0.8118, 0.1137, 0.2431
CMYK	0.79, 0.00, 0.15, 0.11
HSL	169°, 75%, 54%
HSV	169°, 79%, 89%
XYZ	38.0409, 58.8713, 59.8104
YIQ	169.0160, -95.4950, -47.9990

# Conversions

## Conversions Part 2

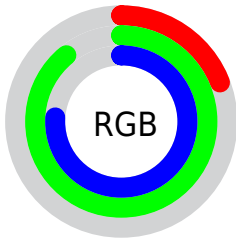
Format	Color
<a href="#">RYB</a>	<a href="#">48, 146, 226</a>
Decimal	<a href="#">3203777</a>
CIELab	<a href="#">81.22, -50.58, 3.83</a>
CIELCh	<a href="#">81, 50.725, 175.674</a>
Yxy	<a href="#">58.8713, 0.2427, 0.3756</a>
Android (android.graphics.Color)	<a href="#">4281393857 (0xFF30E2C1)</a>
YUV	<a href="#">169.0160, 11.8241, -106.1310</a>
Hunter-Lab	<a href="#">76.7277, -45.7746, 7.4919</a>

# Details

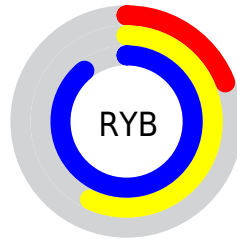
The Hex color **30E2C1** is a light color, and the websafe version is hex **33CC99**. The color can be described as light washed cyan. A complement of this color would be **E23051**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **7CFFF9**, and **00AA8C** is the 20% darker color. If you saturate the color by 10%, you get **19E2BD**, and if you desaturate by 10%, it is **47E2C5**.

# Distribution



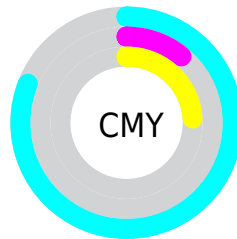
- Red (19%)
- Green (89%)
- Blue (76%)



- Red (19%)
- Yellow (57%)
- Blue (89%)



- Cyan (79%)
- Magenta (0%)
- Yellow (15%)
- Black (11%)



- Cyan (81%)
- Magenta (11%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 30E2C1 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 30E2C1 by changing the saturation by 10% instead.



 30E2C1

 30E2C1

FFFFFF

 00C5A6

 7CFFF9

 00AA8C

 9CFFF9

 008E72

 BBFFF9

 00745A

 DBFFF9

 005A42

 FAFFF9

 00412C

 002C18

 000800

 000000

 30E2C1

 30E2C1

 19E2BD

 47E2C5

 03E2B9

 5DE2C9

 00E2B8

 74E2CE

 8AE2D2

 A1E2D6

 B8E2DA

 CEE2DE

 E5E2E3

 FBE2E7

# Harmonies

## Analogous

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



85DD92



30E2C1



00E2F1

# Triad

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



30E2C1



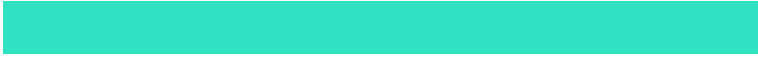
C4C0FF



FFB47D

# Complementary

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



30E2C1



E23051

# 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.



FFA6A3



30E2C1



FFAEFF

# Square

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



30E2C1



6DD1FF



FFA4D3



EDC569

# Rectangle

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



30E2C1



00DFFF



FFA4D3



FFAE88

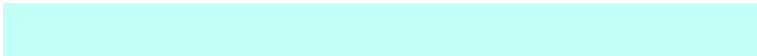


# Sweetspot

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



30E2C1



C2FFF4



54E230



5B8079



000000



808080



# Same Dimension

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



30E2C1



0DFFD2



30ADE2



65706E



00B08F



003027



# Inverse Universe

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



E23051



FF0D3A



E26530



706567



B00021

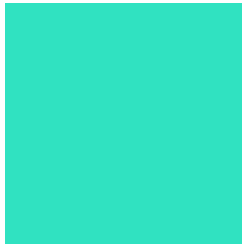


300009



# Previews

## White Background



This preview shows how the Hex color 30E2C1 looks on a white background.

## Color Contrast Check

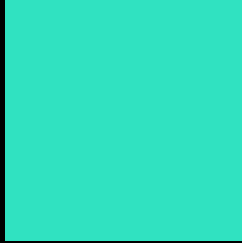
Large Text (above 18pt) WCAG AA × Fail

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 30E2C1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

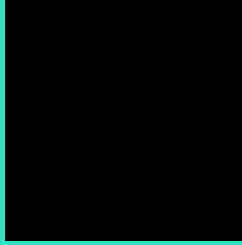
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

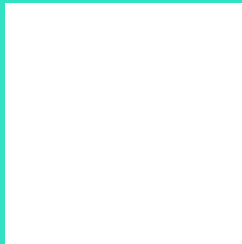
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 30E2C1 Background



This preview shows how black text looks on a background with the Hex color 30E2C1.



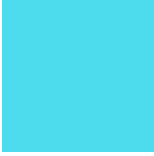
This preview shows how white text looks on a background with the Hex color 30E2C1.

# 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](#).

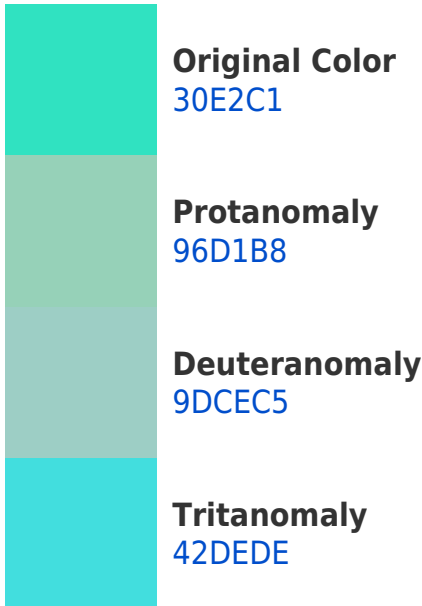
## Dichromacy





**Tritanopia**  
4DDCEE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 30E2C1 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 #30E2C1 looks like.

```
.text, #text, p{  
    color:#30E2C1  
}
```

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 #30E2C1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30E2C1
}
```

## Border

The CSS property to change the border of an element to Hex 30E2C1 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
#30E2C1 }
```

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

```
.border{ border-color:#30E2C1 }
```

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

Here you see how a box with a 4 pixel #30E2C1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30E2C1; -webkit-box-shadow:4px 4px  
4px 4px #30E2C1; box-shadow:4px 4px 4px  
4px #30E2C1 }
```

# Background

The CSS property to change the background color of an element to Hex 30E2C1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30E2C1 }
```

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

```
.background{ background-color:#30E2C1 }
```

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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