

Converting Colors

Hex(31E3B2)

Have a look what the booklet for
Hex(31E3B2) contains.

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Color

Hex(31E3B2)

Conversions

Conversions Part 1

Format	Color
Hex	31E3B2
RGB	49, 227, 178
RGB Percent	19%, 89%, 70%
CMY	0.8078, 0.1098, 0.3020
CMYK	0.78, 0.00, 0.22, 0.11
HSL	163°, 76%, 54%
HSV	163°, 78%, 89%
XYZ	36.7716, 58.8055, 51.5320
YIQ	168.1920, -90.3590, -52.9750

Conversions

Conversions Part 2

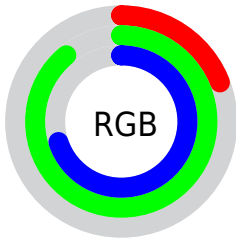
Format	Color
RYB	49, 152, 227
Decimal	3269554
CIELab	81.18, -54.57, 11.70
CIELCh	81, 55.809, 167.899
Yxy	58.8055, 0.2500, 0.3997
Android (android.graphics.Color)	4281459634 (0xFF31E3B2)
YUV	168.1920, 4.8353, -104.5314
Hunter-Lab	76.6847, -48.6046, 13.8365

Details

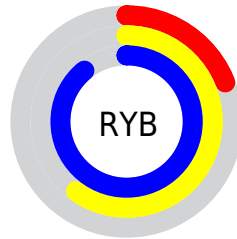
The Hex color **31E3B2** is a light color, and the websafe version is hex **00CC99**. The color can be described as light washed spring green. A complement of this color would be **E33162**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **7CFFEA**, and **00AA7D** is the 20% darker color. If you saturate the color by 10%, you get **1AE3AC**, and if you desaturate by 10%, it is **48E3B8**.

Distribution



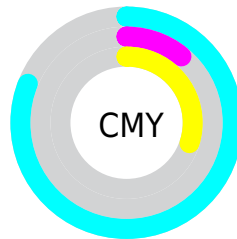
- Red (19%)
- Green (89%)
- Blue (70%)



- Red (19%)
- Yellow (60%)
- Blue (89%)



- Cyan (78%)
- Magenta (0%)
- Yellow (22%)
- Black (11%)



- Cyan (81%)
- Magenta (11%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 31E3B2 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 31E3B2 by changing the saturation by 10% instead.

 31E3B2

 31E3B2

FFFFFF

 00C697

 7CFFEA

 00AA7D

 9CFFFF

 008F64

 BBFFFF

 00754C

 DAFFFF

 005B36

 F9FFFF

 004220

 002B0A

 000800

 000000

 31E3B2

 31E3B2

 1AE3AC

 48E3B8

 04E3A6

 5EE3BE

 00E3A5

 75E3C5

 8CE3CB

 A3E3D1

 B9E3D7

 D0E3DE

 E7E3E4

 FDE3EA

Harmonies

Analogous

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



8EDC81



31E3B2



00E4E8

Triad

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



31E3B2



ABC4FF



FFAC7E

Complementary

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



31E3B2



E33162

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.



FF9FAC



31E3B2



F5B0FF

Square

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



31E3B2



22D5FF



FFA0E1



FBBF62

Rectangle

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



31E3B2



00E2FF



FFA0E1



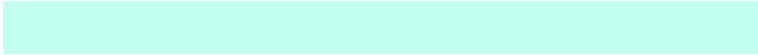
FFA78C

Sweetspot

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



31E3B2



C2FFEE



63E331



5B8075



000000



808080

Same Dimension

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



31E3B2



0FFFBD



31BCE3



677370



00B381



003325

Inverse Universe

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



E33162



FF0F51



E35831



73676A



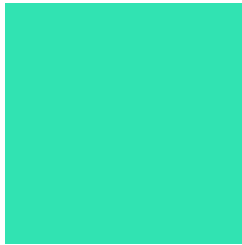
B30031



33000E

Previews

White Background



This preview shows how the Hex color 31E3B2 looks on a white background.

Color Contrast Check

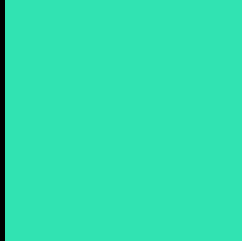
Large Text (above 18pt) WCAG AA × Fail

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 31E3B2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

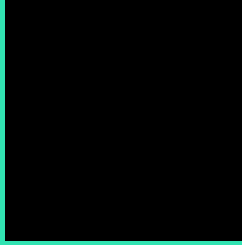
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

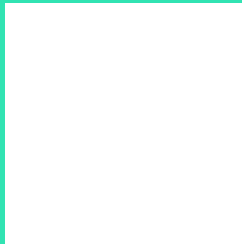
Any Text WCAG AAA ✓ Pass

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

Hex 31E3B2 Background



This preview shows how black text looks on a background with the Hex color 31E3B2.

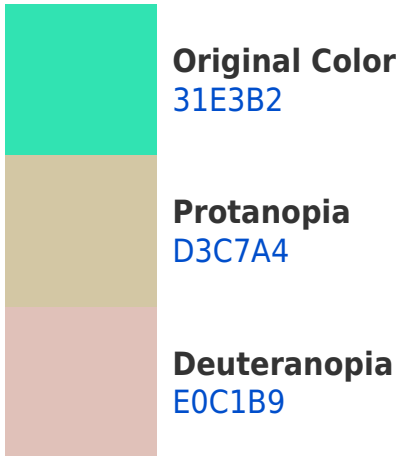


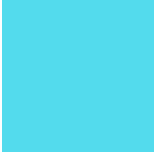
This preview shows how white text looks on a background with the Hex color 31E3B2.

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
53DBED

Trichromacy



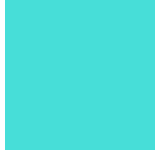
Original Color
31E3B2



Protanomaly
98D1A9



Deuteranomaly
A0CDB6

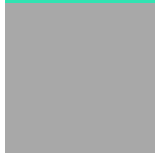


Tritanomaly
47DED8

Monochromacy



Original Color
31E3B2



Achromatopsia
A8A8A8



Achromatomaly
7DBDAC

CSS Examples

Text

The CSS property to change the color of the text to Hex 31E3B2 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 #31E3B2 looks like.

```
.text, #text, p{  
    color:#31E3B2  
}
```

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 #31E3B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31E3B2
}
```

Border

The CSS property to change the border of an element to Hex 31E3B2 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
#31E3B2 }
```

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

```
.border{ border-color:#31E3B2 }
```

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

Here you see how a box with a 4 pixel #31E3B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31E3B2; -webkit-box-shadow:4px 4px  
4px 4px #31E3B2; box-shadow:4px 4px 4px  
4px #31E3B2 }
```

Background

The CSS property to change the background color of an element to Hex 31E3B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31E3B2 }
```

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

```
.background{ background-color:#31E3B2 }
```

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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