

Converting Colors

Hex(31E2D8)

Have a look what the booklet for
Hex(31E2D8) contains.

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Color

Hex(31E2D8)

Conversions

Conversions Part 1

Format	Color
Hex	31E2D8
RGB	49, 226, 216
RGB Percent	19%, 89%, 85%
CMY	0.8078, 0.1137, 0.1529
CMYK	0.78, 0.00, 0.04, 0.11
HSL	177°, 75%, 54%
HSV	177°, 78%, 89%
XYZ	40.8576, 60.0035, 74.3942
YIQ	171.9370, -102.2820, -40.6340

Conversions

Conversions Part 2

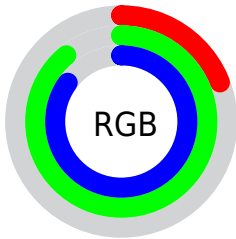
Format	Color
RYB	49, 140, 226
Decimal	3269336
CIELab	81.84, -44.37, -7.46
CIELCh	82, 44.994, 189.547
Yxy	60.0035, 0.2331, 0.3424
Android (android.graphics.Color)	4281459416 (0xFF31E2D8)
YUV	171.9370, 21.7231, -107.8157
Hunter-Lab	77.4620, -41.4078, -2.7185

Details

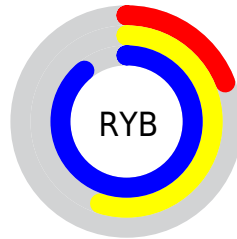
The Hex color **31E2D8** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **E2313B**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **7EFFFF**, and **00AAA1** is the 20% darker color. If you saturate the color by 10%, you get **1AE2D7**, and if you desaturate by 10%, it is **48E2D9**.

Distribution



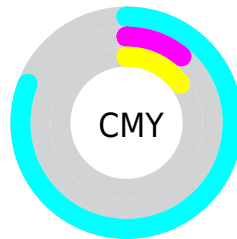
- Red (19%)
- Green (89%)
- Blue (85%)



- Red (19%)
- Yellow (55%)
- Blue (89%)



- Cyan (78%)
- Magenta (0%)
- Yellow (4%)
- Black (11%)



- Cyan (81%)
- Magenta (11%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 31E2D8 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 31E2D8 by changing the saturation by 10% instead.

 31E2D8

 31E2D8


FFFFFF

 00C6BC

 7EFFFF

 00AAA1

 9EFFFF

 008F87

 BEFFFF

 00746E

 DEFFFF

 005B56

 FDFFFF


 00423E

 002C29

 000D15

 000000

 31E2D8

 31E2D8

 1AE2D7

 48E2D9

 04E2D5

 5EE2DB

 00E2D5

 75E2DC

 8BE2DD

 A2E2DE

 B9E2E0

 CFE2E1

 E6E2E2

 FCE2E3

Harmonies

Analogous

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



76E0AD



31E2D8



00E0FF

Triad

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



31E2D8



E2BCFF



FFBF7D

Complementary

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



31E2D8



E2313B

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.



FFB198



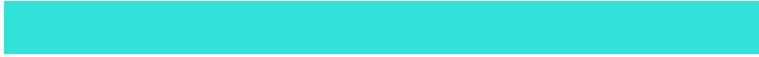
31E2D8



FFAEEA

Square

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



31E2D8



A4CBFF



FFAABF



DACD77

Rectangle

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



31E2D8



35DBFF



FFAABF



FFBA84

Sweetspot

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



31E2D8



C4FFFC



3DE231



5C807D



000000



808080

Same Dimension

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



31E2D8



0FFFF1



3195E2



657070



00B0A6



00302E

Inverse Universe

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



E2313B



FF0F1D



E27E31



706566



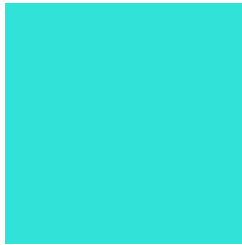
B0000A



300003

Previews

White Background



This preview shows how the Hex color 31E2D8 looks on a white background.

Color Contrast Check

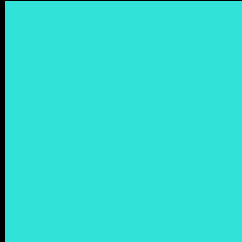
Large Text (above 18pt) WCAG AA × Fail

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 31E2D8 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

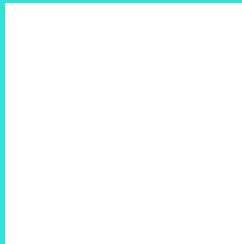
Any Text WCAG AAA ✓ Pass

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

Hex 31E2D8 Background



This preview shows how black text looks on a background with the Hex color 31E2D8.

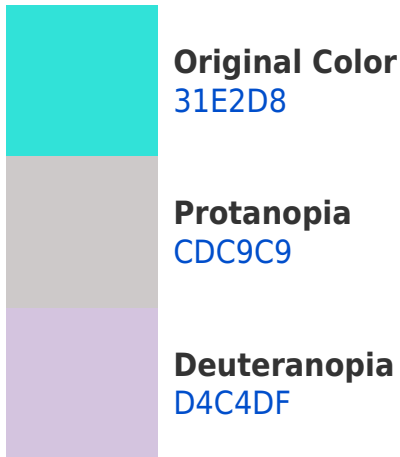


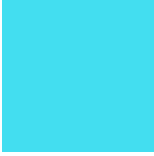
This preview shows how white text looks on a background with the Hex color 31E2D8.

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](#).

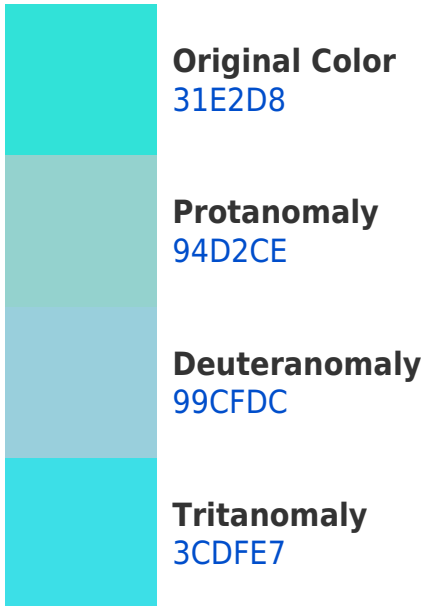
Dichromacy



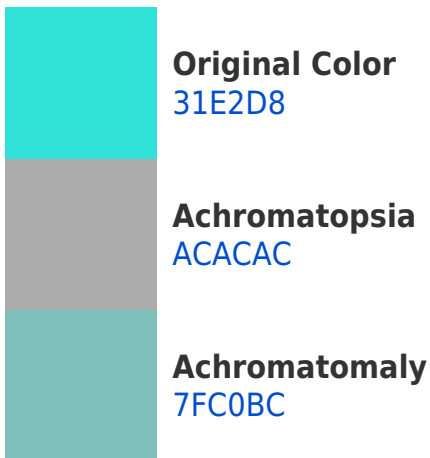


Tritanopia
43DEF0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 31E2D8 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 #31E2D8 looks like.

```
.text, #text, p{  
    color:#31E2D8  
}
```

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 #31E2D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31E2D8
}
```

Border

The CSS property to change the border of an element to Hex 31E2D8 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
#31E2D8 }
```

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

```
.border{ border-color:#31E2D8 }
```

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

Here you see how a box with a 4 pixel #31E2D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31E2D8; -webkit-box-shadow:4px 4px  
4px 4px #31E2D8; box-shadow:4px 4px 4px  
4px #31E2D8 }
```

Background

The CSS property to change the background color of an element to Hex 31E2D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31E2D8 }
```

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

```
.background{ background-color:#31E2D8 }
```

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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