

Converting Colors

Hex(31E7DF)

Have a look what the booklet for
Hex(31E7DF) contains.

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Color

Hex(31E7DF)

Conversions

Conversions Part 1

Format	Color
Hex	31E7DF
RGB	49, 231, 223
RGB Percent	19%, 91%, 87%
CMY	0.8078, 0.0941, 0.1255
CMYK	0.79, 0.00, 0.03, 0.09
HSL	177°, 79%, 55%
HSV	177°, 79%, 91%
XYZ	43.1618, 63.1325, 79.7230
YIQ	175.6700, -105.9040, -41.0720

Conversions

Conversions Part 2

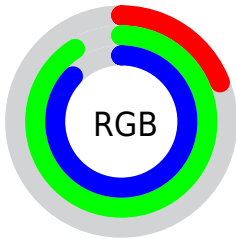
Format	Color
RYB	49, 142, 231
Decimal	3270623
CIELab	83.51, -44.61, -8.69
CIELCh	84, 45.452, 191.022
Yxy	63.1325, 0.2320, 0.3394
Android (android.graphics.Color)	4281460703 (0xFF31E7DF)
YUV	175.6700, 23.3337, -111.0896
Hunter-Lab	79.4560, -42.0837, -3.8701

Details

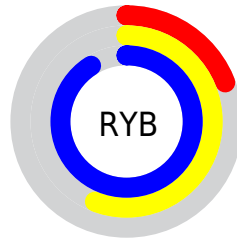
The Hex color **31E7DF** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **E73139**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **7FFFFFFF**, and **00AFA8** is the 20% darker color. If you saturate the color by 10%, you get **1AE7DE**, and if you desaturate by 10%, it is **48E7E0**.

Distribution



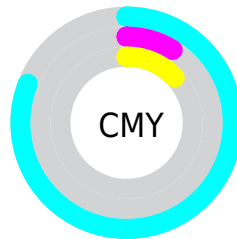
- Red (19%)
- Green (91%)
- Blue (87%)



- Red (19%)
- Yellow (56%)
- Blue (91%)



- Cyan (79%)
- Magenta (0%)
- Yellow (3%)
- Black (9%)




- Cyan (81%)
- Magenta (9%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 31E7DF 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 31E7DF by changing the saturation by 10% instead.

 31E7DF

 31E7DF


FFFFFF

 00CAC3

 7FFFFFFF

 00AFA8

 A0FFFF

 00938E

 C0FFFF

 007974

 E0FFFF

 005F5C

 004644

 002F2E

 00151A

 000000

 31E7DF

 31E7DF

 1AE7DE

 48E7E0

 03E7DD

 5FE7E1

 00E7DD

 76E7E2

 8DE7E3

 A5E7E4

 BCE7E5

 D3E7E6

 EAE7E7

 FFE7E8

Harmonies

Analogous

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



77E5B3



31E7DF



00E4FF

Triad

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



31E7DF



E9BFFF



FFC480

Complementary

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



31E7DF



E73139

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.



FFB69A



31E7DF



FFB2ED

Square

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



31E7DF



ABCFFF



FFAFC2



DDD37B

Rectangle

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



31E7DF



3FDFFF



FFAFC2



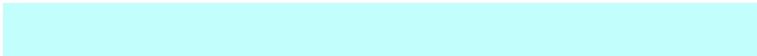
FFBF86

Sweetspot

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



31E7DF



C2FFFC



3AE731



5B807E



000000



808080

Same Dimension

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



31E7DF



0DFFF4



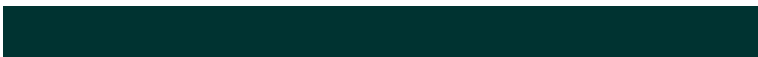
3195E7



677372



00B3AB



003331

Inverse Universe

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



E73139



FF0D17



E78331



736768



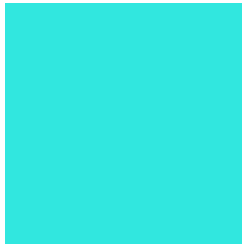
B30008



330002

Previews

White Background



This preview shows how the Hex color 31E7DF looks on a white background.

Color Contrast Check

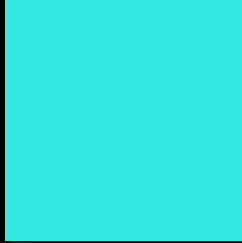
Large Text (above 18pt) WCAG AA × Fail

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 31E7DF 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 31E7DF Background



This preview shows how black text looks on a background with the Hex color 31E7DF.

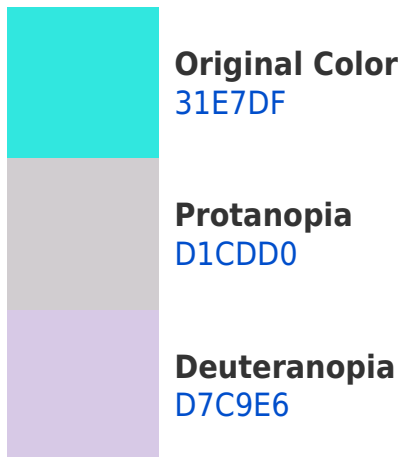


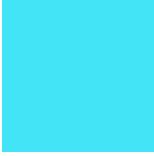
This preview shows how white text looks on a background with the Hex color 31E7DF.

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



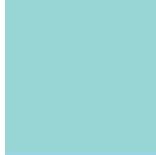


Tritanopia
43E4F6

Trichromacy



Original Color
31E7DF



Protanomaly
97D6D5



Deuteranomaly
9BD4E3

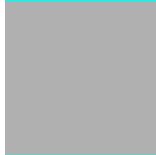


Tritanomaly
3CE5EE

Monochromacy



Original Color
31E7DF



Achromatopsia
B0B0B0



Achromatomaly
82C4C1

CSS Examples

Text

The CSS property to change the color of the text to Hex 31E7DF 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 #31E7DF looks like.

```
.text, #text, p{  
    color:#31E7DF  
}
```

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 #31E7DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31E7DF
}
```

Border

The CSS property to change the border of an element to Hex 31E7DF 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
#31E7DF }
```

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

```
.border{ border-color:#31E7DF }
```

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

Here you see how a box with a 4 pixel #31E7DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31E7DF; -webkit-box-shadow:4px 4px  
4px 4px #31E7DF; box-shadow:4px 4px 4px  
4px #31E7DF }
```

Background

The CSS property to change the background color of an element to Hex 31E7DF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31E7DF }
```

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

```
.background{ background-color:#31E7DF }
```

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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