

Converting Colors

Hex(31EBF1)

Have a look what the booklet for
Hex(31EBF1) contains.

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Color

Hex(31EBF1)

Conversions

Conversions Part 1

Format	Color
Hex	31EBF1
RGB	49, 235, 241
RGB Percent	19%, 92%, 95%
CMY	0.8078, 0.0784, 0.0549
CMYK	0.80, 0.02, 0.00, 0.05
HSL	182°, 87%, 57%
HSV	182°, 80%, 95%
XYZ	46.8521, 66.4205, 93.5702
YIQ	180.0700, -112.7820, -37.5660

Conversions

Conversions Part 2

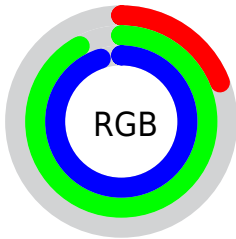
Format	Color
RYB	49, 143, 241
Decimal	3271665
CIELab	85.21, -41.28, -15.65
CIELCh	85, 44.145, 200.758
Yxy	66.4205, 0.2265, 0.3211
Android (android.graphics.Color)	4281461745 (0xFF31EBF1)
YUV	180.0700, 30.0385, -114.9484
Hunter-Lab	81.4988, -40.0065, -11.0227

Details

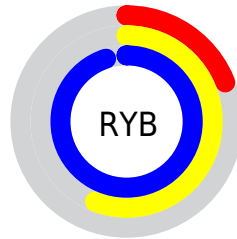
The Hex color **31EBF1** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **F13731**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **82FFFF**, and **00B3B9** is the 20% darker color. If you saturate the color by 10%, you get **19EAF1**, and if you desaturate by 10%, it is **49ECF1**.

Distribution



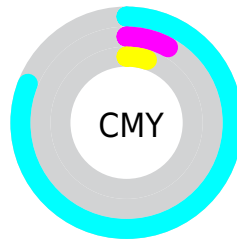
- Red (19%)
- Green (92%)
- Blue (95%)



- Red (19%)
- Yellow (56%)
- Blue (95%)



- Cyan (80%)
- Magenta (2%)
- Yellow (0%)
- Black (5%)



- Cyan (81%)
- Magenta (8%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 31EBF1 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 31EBF1 by changing the saturation by 10% instead.

 31EBF1

FFFFFF

 82FFFF

 A3FFFF


 C3FFFF

 E3FFFF

 31EBF1

 00CED5

 00B3B9

 00979E

 007D84

 00636B

 004A53

 00333C

 001C26

 000111

 31EBF1

 31EBF1

 19EAF1

 49ECF1

 01E9F1

 61EDF1

 00E9F1

 79EDF1

 91EEF1

 A9EFF1

 C2F0F1

 DAF0F1

 F2F1F1

 FFF2F1

Harmonies

Analogous

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



6DEAC6



31EBF1



38E7FF

Triad

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



31EBF1



FDC0FF



FCCE82

Complementary

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



31EBF1



F13731

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.



FFC096



31EBF1



FFB6E4

Square

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



31EBF1



C7CFFF



FFB6B9



D3DB85

Rectangle

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



31EBF1



69E1FF



FFB6B9



FFC987

Sweetspot

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



31EBF1



C2FDFD



31F134



5B7E80



000000



808080

Same Dimension

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



31EBF1



0AF7FF



318EF1



6C7778



00B2B8



003638

Inverse Universe

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



F131EB



FF0AF7



F19431



786C77



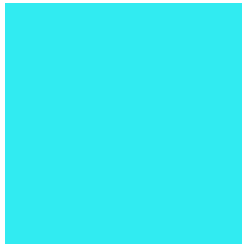
B800B2



380036

Previews

White Background



This preview shows how the Hex color 31EBF1 looks on a white background.

Color Contrast Check

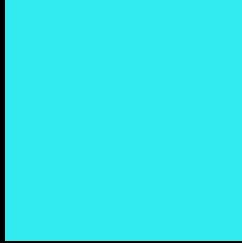
Large Text (above 18pt) WCAG AA × Fail

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 31EBF1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

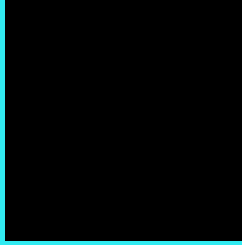
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

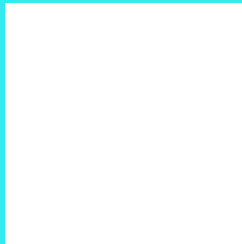
Any Text WCAG AAA ✓ Pass

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

Hex 31EBF1 Background



This preview shows how black text looks on a background with the Hex color 31EBF1.

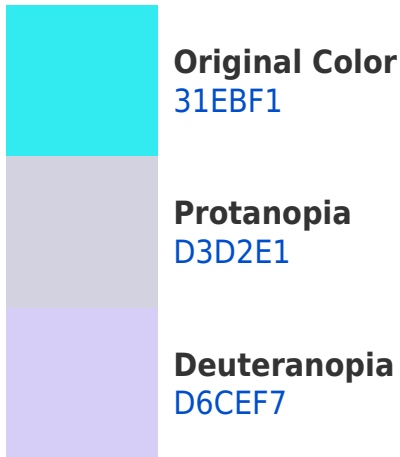


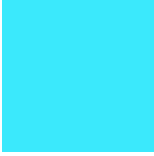
This preview shows how white text looks on a background with the Hex color 31EBF1.

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](#).

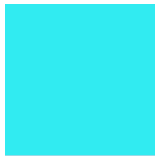
Dichromacy



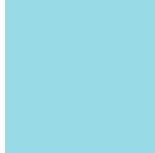


Tritanopia
3BE9FC

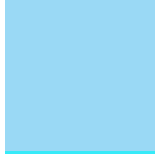
Trichromacy



Original Color
31EBF1



Protanomaly
98DBE7



Deuteranomaly
9AD9F5

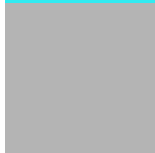


Tritanomaly
37EAF8

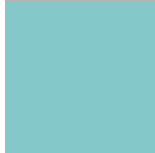
Monochromacy



Original Color
31EBF1



Achromatopsia
B4B4B4



Achromatomaly
84C8CA

CSS Examples

Text

The CSS property to change the color of the text to Hex 31EBF1 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 #31EBF1 looks like.

```
.text, #text, p{  
    color:#31EBF1  
}
```

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 #31EBF1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31EBF1  
}
```

Border

The CSS property to change the border of an element to Hex 31EBF1 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  
#31EBF1 }
```

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

```
.border{ border-color:#31EBF1 }
```

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

Here you see how a box with a 4 pixel #31EBF1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31EBF1; -webkit-box-shadow:4px 4px  
4px 4px #31EBF1; box-shadow:4px 4px 4px  
4px #31EBF1 }
```

Background

The CSS property to change the background color of an element to Hex 31EBF1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31EBF1 }
```

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

```
.background{ background-color:#31EBF1 }
```

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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