

Converting Colors

Hex(31EAF6)

Have a look what the booklet for
Hex(31EAF6) contains.

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Color

Hex(31EAF6)

Conversions

Conversions Part 1

Format	Color
Hex	31EAF6
RGB	49, 234, 246
RGB Percent	19%, 92%, 96%
CMY	0.8078, 0.0824, 0.0353
CMYK	0.80, 0.05, 0.00, 0.04
HSL	184°, 92%, 58%
HSV	184°, 80%, 96%
XYZ	47.3240, 66.1524, 97.4632
YIQ	180.0530, -114.1120, -35.4880

Conversions

Conversions Part 2

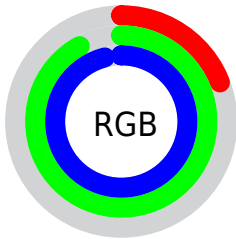
Format	Color
RYB	49, 144, 246
Decimal	3271414
CIELab	85.07, -39.37, -18.48
CIELCh	85, 43.493, 205.148
Yxy	66.1524, 0.2243, 0.3136
Android (android.graphics.Color)	4281461494 (0xFF31EAF6)
YUV	180.0530, 32.5119, -114.9335
Hunter-Lab	81.3341, -38.4751, -14.1137

Details

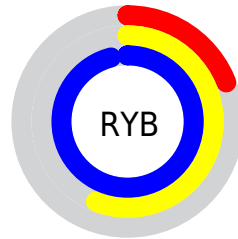
The Hex color **31EAF6** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light washed cyan. A complement of this color would be **F63D31**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **82FFFF**, and **00B2BE** is the 20% darker color. If you saturate the color by 10%, you get **18E9F6**, and if you desaturate by 10%, it is **4AEBF6**.

Distribution



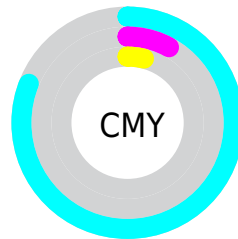
- Red (19%)
- Green (92%)
- Blue (96%)



- Red (19%)
- Yellow (56%)
- Blue (96%)



- Cyan (80%)
- Magenta (5%)
- Yellow (0%)
- Black (4%)



- Cyan (81%)
- Magenta (8%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 31EAF6 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 31EAF6 by changing the saturation by 10% instead.

 31EAF6

 31EAF6

FFFFFF

 00CDDA

 82FFFF

 00B2BE

 A3FFFF

 0096A3

 C4FFFF

 007C88

 E4FFFF

 00626F

 004A57

 00323F

 001C29

 000115

 31EAF6

 31EAF6

 18E9F6

 4AEBF6

 00E7F6

 62EDF6

 7BEEF6

 93F0F6

 ACF1F6

 C5F3F6

 DDF4F6

 F6F6F6

 FFF7F6

Harmonies

Analogous

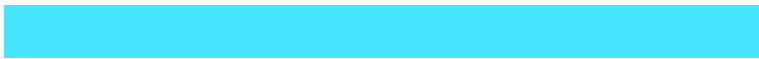
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



66EACC



31EAF6



47E5FF

Triad

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



31EAF6



FFBEFF



F6D082

Complementary

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



31EAF6



F6D31

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.



FFC292



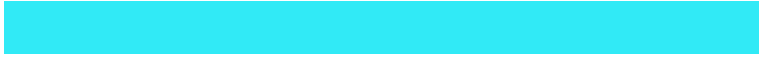
31EAF6



FFB5DD

Square

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



31EAF6



D0CCFF



FFB7B4



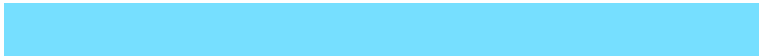
CCDD89

Rectangle

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



31EAF6



76DFFF



FFB7B4



FFCB85

Sweetspot

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



31EAF6



C2FBFF



31F63B



5B7D80



000000



808080

Same Dimension

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



31EAF6



0AF0FF



318AF6



6E7A7A



00AFBA



00373B

Inverse Universe

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



F631EA



FF0AF0



F69D31



7A6E7A



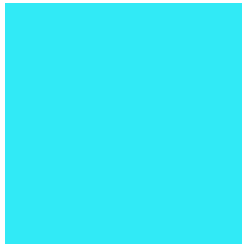
BA00AF



3B0037

Previews

White Background



This preview shows how the Hex color 31EAF6 looks on a white background.

Color Contrast Check

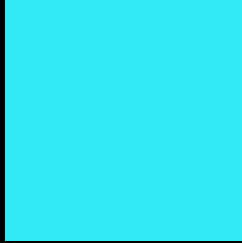
Large Text (above 18pt) WCAG AA × Fail

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 31EAF6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

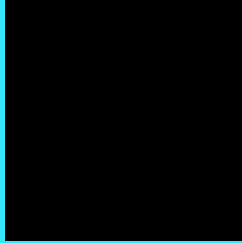
Any Text WCAG AA ✓ Pass

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 31EAF6 Background



This preview shows how black text looks on a background with the Hex color 31EAF6.

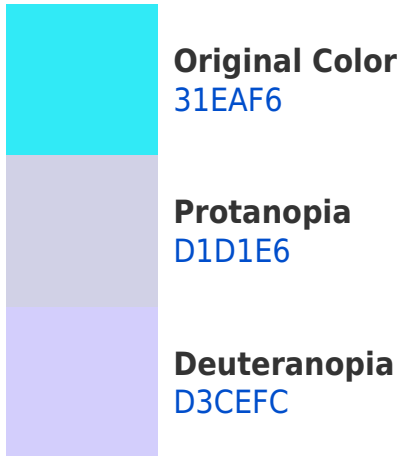


This preview shows how white text looks on a background with the Hex color 31EAF6.

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



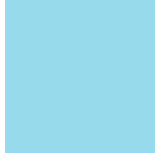


Tritanopia
37E9FC

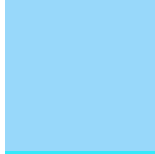
Trichromacy



Original Color
31EAF6



Protanomaly
97DAEC



Deuteranomaly
98D8FA

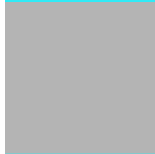


Tritanomaly
35E9FA

Monochromacy



Original Color
31EAF6



Achromatopsia
B4B4B4



Achromatomaly
84C8CC

CSS Examples

Text

The CSS property to change the color of the text to Hex 31EAF6 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 #31EAF6 looks like.

```
.text, #text, p{  
    color:#31EAF6  
}
```

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 #31EAF6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31EAF6
}
```

Border

The CSS property to change the border of an element to Hex 31EAF6 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
#31EAF6 }
```

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

```
.border{ border-color:#31EAF6 }
```

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

Here you see how a box with a 4 pixel #31EAF6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31EAF6; -webkit-box-shadow:4px 4px  
4px 4px #31EAF6; box-shadow:4px 4px 4px  
4px #31EAF6 }
```

Background

The CSS property to change the background color of an element to Hex 31EAF6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31EAF6 }
```

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

```
.background{ background-color:#31EAF6 }
```

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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