

Converting Colors

Hex(0BE1F6)

Have a look what the booklet for
Hex(0BE1F6) contains.

Hex(0BE1F6)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(0BE1F6)

Conversions

Conversions Part 1

Format	Color
Hex	0BE1F6
RGB	11, 225, 246
RGB Percent	4%, 88%, 96%
CMY	0.9569, 0.1176, 0.0353
CMYK	0.96, 0.09, 0.00, 0.04
HSL	185°, 93%, 50%
HSV	185°, 96%, 96%
XYZ	43.6978, 60.5754, 96.5779
YIQ	163.4080, -134.2850, -38.8370

Conversions

Conversions Part 2

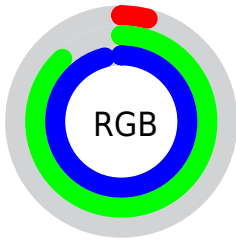
Format	Color
R _Y B	11, 123, 246
Decimal	778742
CIE Lab	82.15, -37.16, -22.94
CIE LCh	82, 43.668, 211.688
Yxy	60.5754, 0.2176, 0.3016
Android (android.graphics.Color)	4278968822 (0xFF0BE1F6)
YUV	163.4080, 40.7179, -133.6618
Hunter-Lab	77.8302, -35.9840, -19.0906

Details

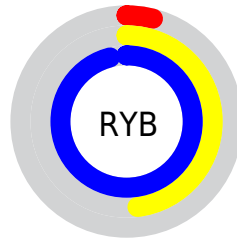
The Hex color **0BE1F6** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light saturated cyan. A complement of this color would be **F6200B**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **75FFFF**, and **00A9BE** is the 20% darker color. If you saturate the color by 10%, you get **00E0F6**, and if you desaturate by 10%, it is **24E3F6**.

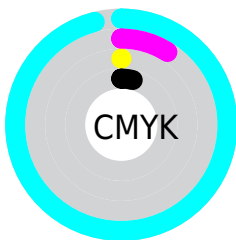
Distribution



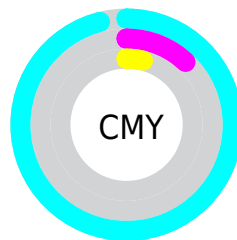
- Red (4%)
- Green (88%)
- Blue (96%)



- Red (4%)
- Yellow (48%)
- Blue (96%)



- Cyan (96%)
- Magenta (9%)
- Yellow (0%)
- Black (4%)



- Cyan (96%)
- Magenta (12%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0BE1F6 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 0BE1F6 by changing the saturation by 10% instead.

 0BE1F6

FFFFFF

 75FFFF

 98FFFF

 B9FFFF

 D9FFFF

 F9FFFF

 0BE1F6

 00C5DA

 00A9BE

 008EA3

 007488

 005B6F

 004356

 002C3F

 001029

 000114

 0BE1F6

 0BE1F6

 00E0F6

 24E3F6

 3CE5F6

 55E8F6

 6DEAF6

 86ECF6

 9FEEF6

 B7F0F6

 D0F3F6

 E8F5F6

Harmonies

Analogous

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



4FE2CD



0BE1F6



49DBFF

Triad

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



0BE1F6



FFB3F4



E5CB7A

Complementary

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



0BE1F6



F6200B

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.



FFBC85



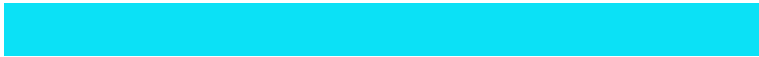
0BE1F6



FFACCC

Square

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



0BE1F6



D4C1FF



FFB0A3



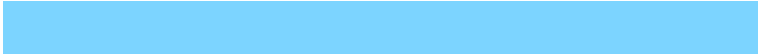
BAD785

Rectangle

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



0BE1F6



7CD4FF



FFB0A3



F1C67B

Sweetspot

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



0BE1F6



B5F8FF



0BF61F



537C80



000000



808080

Same Dimension

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



0BE1F6



00E8FF



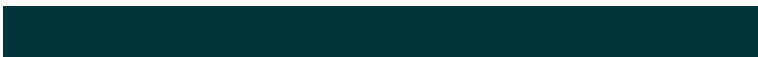
0B6DF6



6E797A



00AABA



00353B

Inverse Universe

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



F60BE1



FF00E8



F6940B



7A6E79



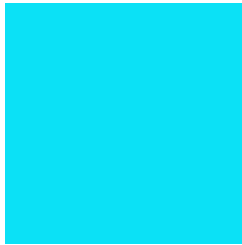
BA00AA



3B0035

Previews

White Background



This preview shows how the Hex color 0BE1F6 looks on a white background.

Color Contrast Check

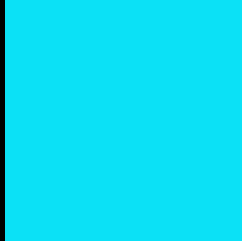
Large Text (above 18pt) WCAG AA × Fail

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 0BE1F6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

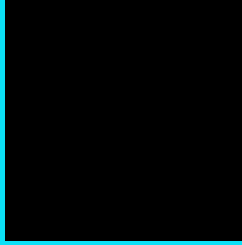
Any Text WCAG AA ✓ Pass

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 0BE1F6 Background



This preview shows how black text looks on a background with the Hex color 0BE1F6.

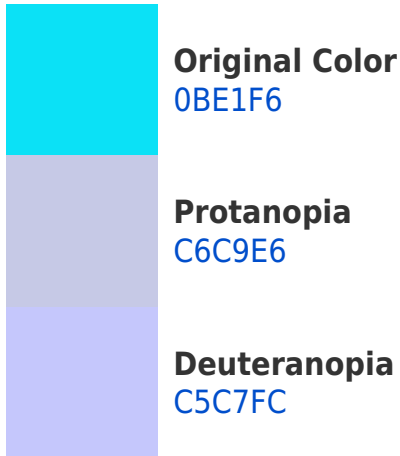


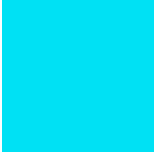
This preview shows how white text looks on a background with the Hex color 0BE1F6.

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



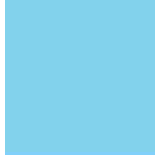


Tritanopia
00E1F4

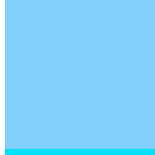
Trichromacy



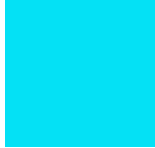
Original Color
0BE1F6



Protanomaly
82D2EC



Deuteranomaly
81D0FA



Tritanomaly
04E1F5

Monochromacy



Original Color
0BE1F6



Achromatopsia
A3A3A3



Achromatomaly
6CBAC1

CSS Examples

Text

The CSS property to change the color of the text to Hex 0BE1F6 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 #0BE1F6 looks like.

```
.text, #text, p{  
    color:#0BE1F6  
}
```

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 #0BE1F6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0BE1F6
}
```

Border

The CSS property to change the border of an element to Hex 0BE1F6 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
#0BE1F6 }
```

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

```
.border{ border-color:#0BE1F6 }
```

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

Here you see how a box with a 4 pixel #0BE1F6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0BE1F6; -webkit-box-shadow:4px 4px  
4px 4px #0BE1F6; box-shadow:4px 4px 4px  
4px #0BE1F6 }
```

Background

The CSS property to change the background color of an element to Hex 0BE1F6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0BE1F6 }
```

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

```
.background{ background-color:#0BE1F6 }
```

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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