

Converting Colors

Hex(2BE1F6)

Have a look what the booklet for
Hex(2BE1F6) contains.

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Color

Hex(2BE1F6)

Conversions

Conversions Part 1

Format	Color
Hex	2BE1F6
RGB	43, 225, 246
RGB Percent	17%, 88%, 96%
CMY	0.8314, 0.1176, 0.0353
CMYK	0.83, 0.09, 0.00, 0.04
HSL	186°, 92%, 57%
HSV	186°, 83%, 96%
XYZ	44.5560, 61.0178, 96.6181
YIQ	172.9760, -115.2130, -32.0530

Conversions

Conversions Part 2

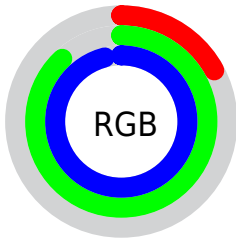
Format	Color
R _Y B	43, 139, 246
Decimal	2875894
CIE Lab	82.39, -35.68, -22.55
CIE LCh	82, 42.207, 212.301
Yxy	61.0178, 0.2204, 0.3018
Android (android.graphics.Color)	4281065974 (0xFF2BE1F6)
YUV	172.9760, 36.0008, -113.9890
Hunter-Lab	78.1139, -34.8833, -18.6553

Details

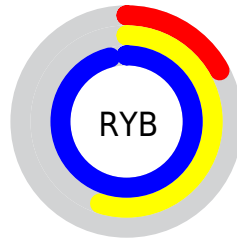
The Hex color **2BE1F6** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **F6402B**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **7EFFFF**, and **00A9BE** is the 20% darker color. If you saturate the color by 10%, you get **12DEF6**, and if you desaturate by 10%, it is **44E4F6**.

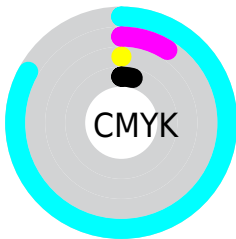
Distribution



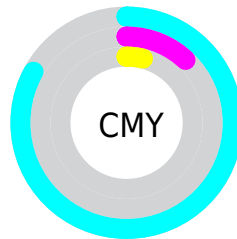
- Red (17%)
- Green (88%)
- Blue (96%)



- Red (17%)
- Yellow (55%)
- Blue (96%)



- Cyan (83%)
- Magenta (9%)
- Yellow (0%)
- Black (4%)



- Cyan (83%)
- Magenta (12%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2BE1F6 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 2BE1F6 by changing the saturation by 10% instead.

 2BE1F6

 2BE1F6

FFFFFF

 00C5DA

 7EFFFF

 00A9BE

 A0FFFF

 008EA3

 C0FFFF

 007488

 E0FFFF

 005B6F

 004356

 002C3F

 001229

 000114

 2BE1F6

 2BE1F6

 12DEF6

 44E4F6

 00DDF6

 5CE6F6

 75E9F6

 8DEBF6

 A6EEF6

 BFF0F6

 D7F3F6

 F0F5F6

 FFF8F6

Harmonies

Analogous

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



56E2CF



2BE1F6



55DBFF

Triad

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



2BE1F6



FFB4F3



E4CC7D

Complementary

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



2BE1F6



F6402B

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.



FFBE88



2BE1F6



FFAE CB

Square

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



2BE1F6



D6C2FF



FFB2A5



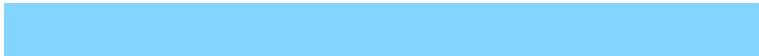
BBD789

Rectangle

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



2BE1F6



83D4FF



FFB2A5



F1C77E

Sweetspot

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



2BE1F6



BFF8FF



2BF63F



597C80



000000



808080

Same Dimension

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



2BE1F6



03E5FF



2B7CF6



6E797A



00A7BA



00353B

Inverse Universe

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



F62BE1



FF03E5



F6A52B



7A6E79



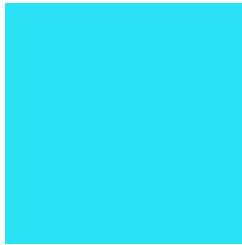
BA00A7



3B0035

Previews

White Background



This preview shows how the Hex color 2BE1F6 looks on a white background.

Color Contrast Check

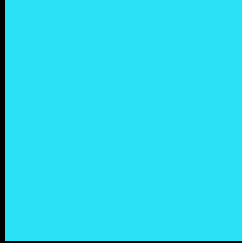
Large Text (above 18pt) WCAG AA × Fail

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 2BE1F6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

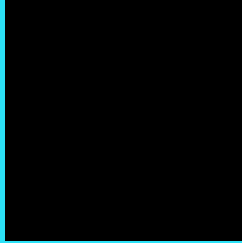
Any Text WCAG AA ✓ Pass

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 2BE1F6 Background



This preview shows how black text looks on a background with the Hex color 2BE1F6.

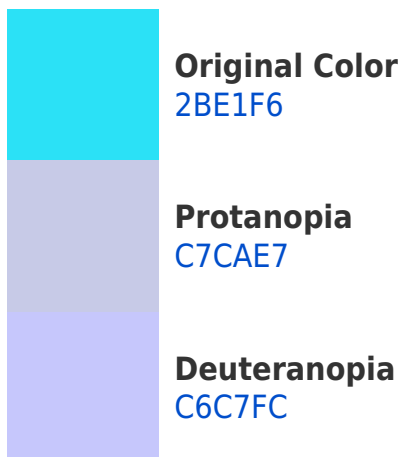


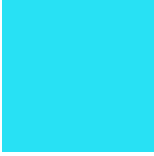
This preview shows how white text looks on a background with the Hex color 2BE1F6.

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



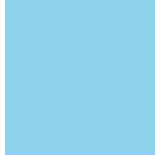


Tritanopia
28E1F4

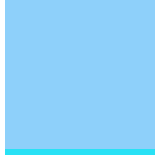
Trichromacy



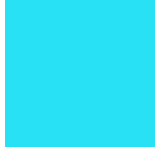
Original Color
2BE1F6



Protanomaly
8ED2EC



Deuteranomaly
8ED0FA

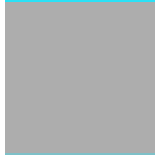


Tritanomaly
29E1F5

Monochromacy



Original Color
2BE1F6



Achromatopsia
ADADAD



Achromatomaly
7EC0C8

CSS Examples

Text

The CSS property to change the color of the text to Hex 2BE1F6 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 #2BE1F6 looks like.

```
.text, #text, p{  
    color:#2BE1F6  
}
```

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 #2BE1F6 colored shadow looks like.

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

Border

The CSS property to change the border of an element to Hex 2BE1F6 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
#2BE1F6 }
```

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

```
.border{ border-color:#2BE1F6 }
```

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

Here you see how a box with a 4 pixel #2BE1F6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2BE1F6; -webkit-box-shadow:4px 4px  
4px 4px #2BE1F6; box-shadow:4px 4px 4px  
4px #2BE1F6 }
```

Background

The CSS property to change the background color of an element to Hex 2BE1F6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2BE1F6 }
```

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

```
.background{ background-color:#2BE1F6 }
```

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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