

Converting Colors

Hex(2EFFBE)

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

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Color

Hex(2EFFBE)

Conversions

Conversions Part 1

Format	Color
Hex	2EFFBE
RGB	46, 255, 190
RGB Percent	18%, 100%, 75%
CMY	0.8196, 0.0000, 0.2549
CMYK	0.82, 0.00, 0.25, 0.00
HSL	161°, 100%, 59%
HSV	161°, 82%, 100%
XYZ	46.1810, 75.8185, 60.9157
YIQ	185.0990, -103.6990, -64.5230

Conversions

Conversions Part 2

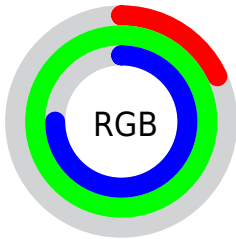
Format	Color
RYB	46, 170, 255
Decimal	3080126
CIELab	89.78, -62.85, 17.57
CIElCh	90, 65.260, 164.379
Yxy	75.8185, 0.2525, 0.4145
Android (android.graphics.Color)	4281270206 (0xFF2EFFBE)
YUV	185.0990, 2.4162, -121.9898
Hunter-Lab	87.0738, -57.7090, 19.4732

Details

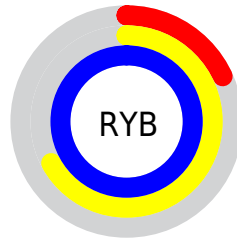
The Hex color **2EFFBE** is a light color, and the websafe version is hex **00FFCC**. The color can be described as light washed spring green. A complement of this color would be **FF2E6F**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **80FFF6**, and **00C588** is the 20% darker color. If you saturate the color by 10%, you get **15FFB6**, and if you desaturate by 10%, it is **48FFC6**.

Distribution



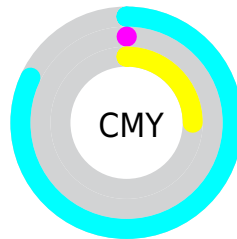
- Red (18%)
- Green (100%)
- Blue (75%)



- Red (18%)
- Yellow (67%)
- Blue (100%)



- Cyan (82%)
- Magenta (0%)
- Yellow (25%)
- Black (0%)



- Cyan (82%)
- Magenta (0%)
- Yellow (25%)

Brightness & Saturation Gradients

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

 2EFFBE

 2EFFBE

FFFFFF

 00E2A3

 80FFF6

 00C588

 A1FFFF

 00A96F

 C2FFFF

 008D56

 E2FFFF

 00733F

 005829

 003F13

 002700

 000000

 2EFFBE

 2EFFBE

 15FFB6

 48FFC6

 00FFB0

 61FFCE

 7BFFD6

 94FFDE

 AEFFE6

 C7FFEE

 E1FFF6

 FAFFFD

FFFFFF

Harmonies

Analogous

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



A3F785



2EFFBE



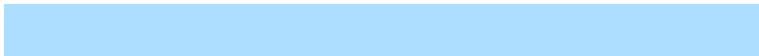
00FFFF

Triad

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



2EFFBE



AEDEFF



FFBC8D

Complementary

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



2EFFBE



FF2E6F

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.



FFADC6



2EFFBE



FFC5FF

Square

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



2EFFBE



00F2FF



FFB1FF



FFD367

Rectangle

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



2EFFFBE



00FFFF



FFB1FF



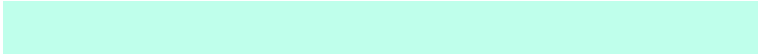
FFB59F

Sweetspot

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



2EFFBE



BFFFEB



70FF2E



598074



000000



808080

Same Dimension

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



2EFFBE



05FFB1



2ED9FF



73807C



00BF84



00402C

Inverse Universe

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



FF2E6F



FF0553



FF542E



807377



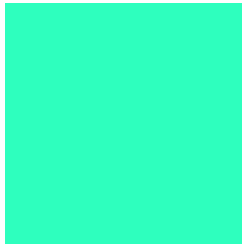
BF003B



400014

Previews

White Background



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

Color Contrast Check

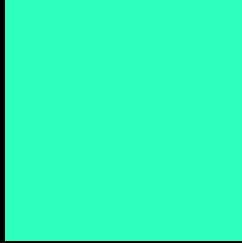
Large Text (above 18pt) WCAG AA × Fail

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 2EFFBE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

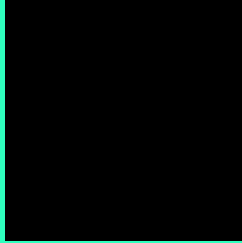
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

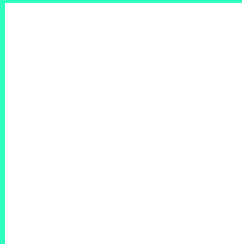
Any Text WCAG AAA ✓ Pass

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

Hex 2EFFBE Background



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

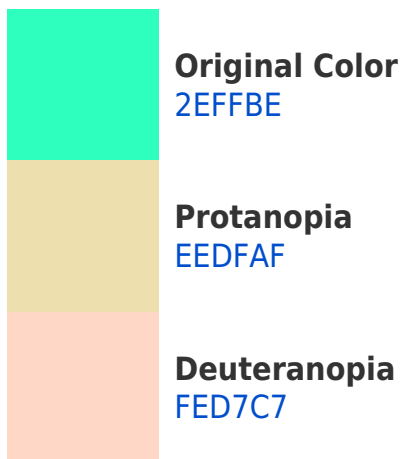


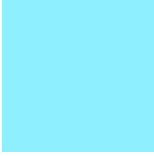
This preview shows how white text looks on a background with the Hex color 2EFFBE.

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](#).

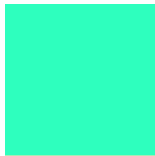
Dichromacy



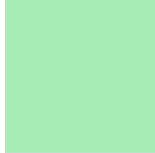


Tritanopia
8EF0FF

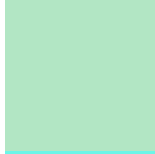
Trichromacy



Original Color
2EFFBE



Protanomaly
A8EBB4



Deuteranomaly
B2E6C4

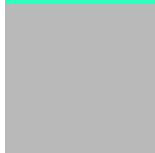


Tritanomaly
6BF5E7

Monochromacy



Original Color
2EFFBE



Achromatopsia
B9B9B9



Achromatomaly
86D2BB

CSS Examples

Text

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

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

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 #2EFFBE colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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