

# Converting Colors

Hex(2EBFE7)

Have a look what the booklet for  
Hex(2EBFE7) contains.

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# **Color**

**Hex(2EBFE7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2EBFE7
RGB	46, 191, 231
RGB Percent	18%, 75%, 91%
CMY	0.8196, 0.2510, 0.0941
CMYK	0.80, 0.17, 0.00, 0.09
HSL	193°, 79%, 54%
HSV	193°, 80%, 91%
XYZ	34.1813, 43.6120, 82.2177
YIQ	152.2050, -99.2600, -18.3000

# Conversions

## Conversions Part 2

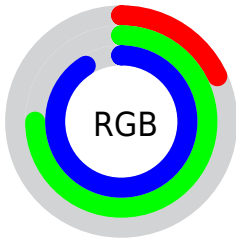
<b>Format</b>	<b>Color</b>
<b>RYB</b>	46, 127, 231
Decimal	3063783
CIELab	71.97, -23.61, -30.45
CIElCh	72, 38.533, 232.217
Yxy	43.6120, 0.2136, 0.2726
Android (android.graphics.Color)	4281253863 (0xFF2EBFE7)
YUV	152.2050, 38.8459, -93.1418
Hunter-Lab	66.0394, -23.1790, -27.5873

# Details

The Hex color **2EBFE7** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed azure. A complement of this color would be **E7562E**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **7AF8FF**, and **0089AF** is the 20% darker color. If you saturate the color by 10%, you get **17BAE7**, and if you desaturate by 10%, it is **45C4E7**.

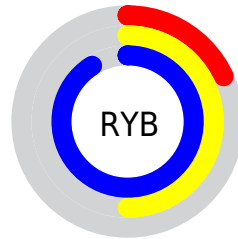
# Distribution



Red (18%)

Green (75%)

Blue (91%)



Red (18%)

Yellow (50%)

Blue (91%)

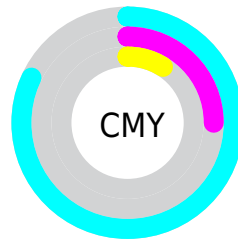


Cyan (80%)

Magenta (17%)

Yellow (0%)

Black (9%)



Cyan (82%)

Magenta (25%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2EBFE7 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 2EBFE7 by changing the saturation by 10% instead.



 2EBFE7

 2EBFE7

FFFFFF

 00A4CB

 7AF8FF

 0089AF

 9AFFFF

 007095

 BAFFFF

 00577B

 D9FFFF

 004062

 F8FFFF

 00294A

 001133

 00021D

 000000

■ 2EBFE7

■ 2EBFE7

■ 17BAE7

■ 45C4E7

■ 00B5E7

■ 5CC9E7

■ 73CEE7

■ 8AD3E7

■ A2D8E7

■ B9DDE7

■ D0E2E7

■ E7E7E7

■ FEECE7

# Harmonies

## Analogous

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



23C3CA



2EBFE7



6DB7F6

# Triad

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



2EBFE7



EE96BB



ADB66E

# Complementary

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



2EBFE7



E7562E

# 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.



D0AB6A



2EBFE7



F59698

# Square

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



2EBFE7



D49EDC



EA9F7A



84BE84

# Rectangle

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



2EBFE7



95AFF5



EA9F7A



B9B36B

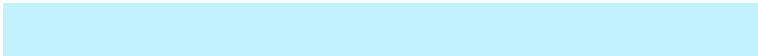


# Sweetspot

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



2EBFE7



C2F2FF



2EE753



5B7880



000000



808080

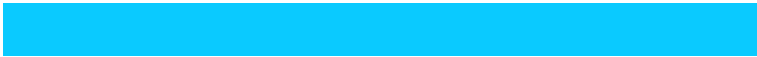


# Same Dimension

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



2EBFE7



0ACAFF



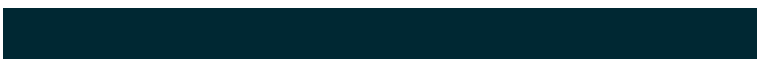
2E65E7



677073



008CB3



002833



# Inverse Universe

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



E72EBF



FF0ACA



E7B02E



736770



B3008C

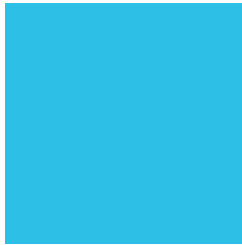


330028



# Previews

## White Background



This preview shows how the Hex color 2EBFE7 looks on a white background.

## Color Contrast Check

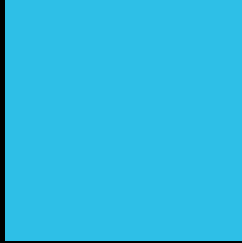
Large Text (above 18pt) WCAG AA × Fail

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 2EBFE7 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 2EBFE7 Background



This preview shows how black text looks on a background with the Hex color 2EBFE7.

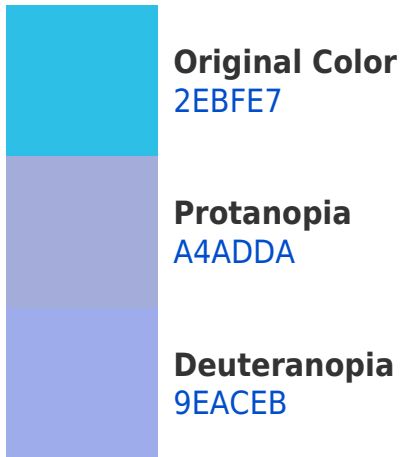


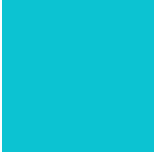
This preview shows how white text looks on a background with the Hex color 2EBFE7.

# 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](#).

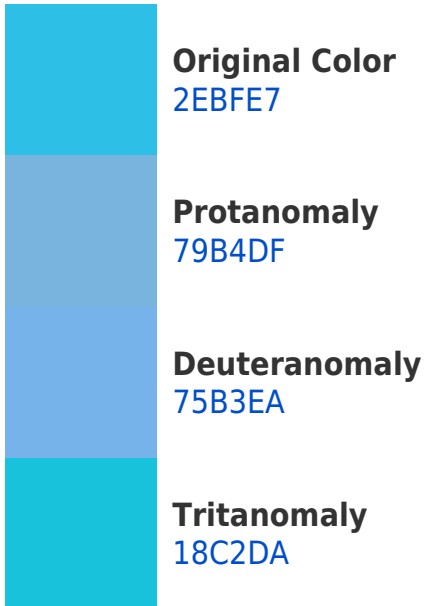
## Dichromacy



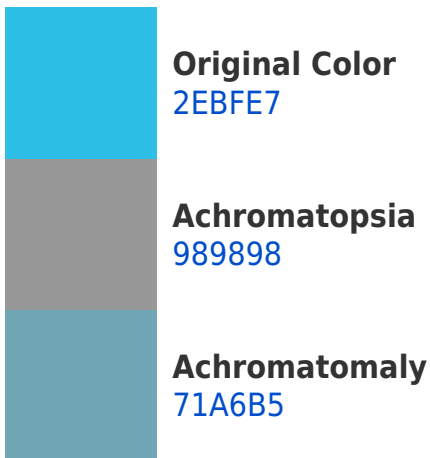


**Tritanopia**  
0CC3D2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2EBFE7 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 #2EBFE7 looks like.

```
.text, #text, p{  
    color:#2EBFE7  
}
```

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 #2EBFE7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2EBFE7
}
```

## Border

The CSS property to change the border of an element to Hex 2EBFE7 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
#2EBFE7 }
```

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

```
.border{ border-color:#2EBFE7 }
```

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

Here you see how a box with a 4 pixel #2EBFE7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2EBFE7; -webkit-box-shadow:4px 4px  
4px 4px #2EBFE7; box-shadow:4px 4px 4px  
4px #2EBFE7 }
```

# Background

The CSS property to change the background color of an element to Hex 2EBFE7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2EBFE7 }
```

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

```
.background{ background-color:#2EBFE7 }
```

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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