

Converting Colors

Hex(2EECFE)

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

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Color

Hex(2EECFF)

Conversions

Conversions Part 1

Format	Color
Hex	2EECFE
RGB	46, 236, 255
RGB Percent	18%, 93%, 100%
CMY	0.8196, 0.0745, 0.0000
CMYK	0.82, 0.07, 0.00, 0.00
HSL	185°, 100%, 59%
HSV	185°, 82%, 100%
XYZ	49.1722, 67.7917, 105.1012
YIQ	181.3560, -119.3390, -34.3710

Conversions

Conversions Part 2

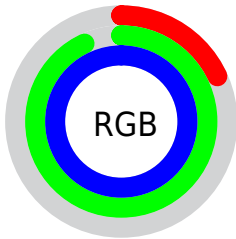
Format	Color
R _{YB}	46, 146, 255
Decimal	3075327
CIE _{Lab}	85.90, -37.85, -21.96
CIE _{LCh}	86, 43.758, 210.128
Yxy	67.7917, 0.2214, 0.3053
Android (android.graphics.Color)	4281265407 (0xFF2EEECFF)
YUV	181.3560, 36.3065, -118.7072
Hunter-Lab	82.3357, -37.4846, -18.0484

Details

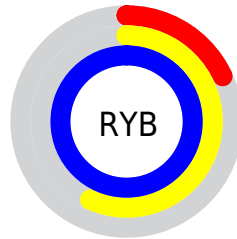
The Hex color **2EECFE** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light washed cyan. A complement of this color would be **FF412E**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **82FFFF**, and **00B4C6** is the 20% darker color. If you saturate the color by 10%, you get **15EAFE**, and if you desaturate by 10%, it is **48EEFF**.

Distribution



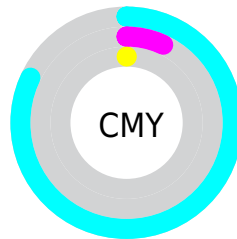
- Red (18%)
- Green (93%)
- Blue (100%)



- Red (18%)
- Yellow (57%)
- Blue (100%)



- Cyan (82%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (82%)
- Magenta (7%)
- Yellow (0%)

Brightness & Saturation Gradients

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

 2EECFE

 2EECFE

FFFFFF

 00CFE2

 82FFFF

 00B4C6

 A4FFFF

 0098AB

 C4FFFF

 007E90

 E5FFFF

 006477

 004C5E

 003446

 001F30

 00011B

 2EECFE

 2EECFE

 15EAFE

 48EEFE

 00E8FE

 61F1FE

 7BF3FE

 94F5FE

 AEF8FE

 C7FAFE

 E1FCFE

 FAFDFF

FFFFFF

Harmonies

Analogous

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



5FEDD6



2EECFE



54E6FF

Triad

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



2EECFE



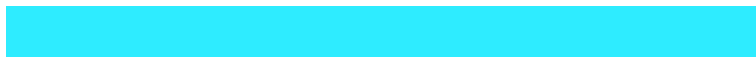
FFBEFF



F2D483

Complementary

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



2EECFE



FF412E

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.



FFC690



2EECFE



FFB7D8

Square

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



2EECFE



DCCCFE



FFBAAF



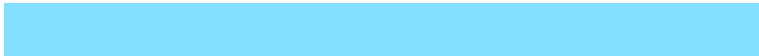
C7E18E

Rectangle

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



2EECFE



84DFFF



FFBAAF



FFD085

Sweetspot

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



2EECFE



BFF9FF



2EFF3F



597C80



000000



808080

Same Dimension

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



2EECFE



05E8FF



2E85FF



737E80



00AEBF



003A40

Inverse Universe

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



FF2EEC



FF05E8



FFA82E



80737E



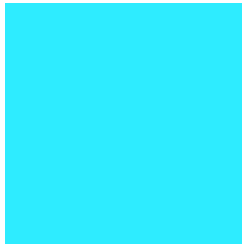
BF00AE



40003A

Previews

White Background



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

Color Contrast Check

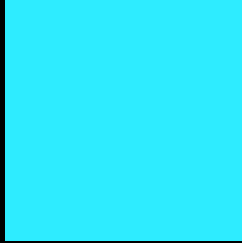
Large Text (above 18pt) WCAG AA × Fail

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 2EECFE 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 2EECFE Background



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

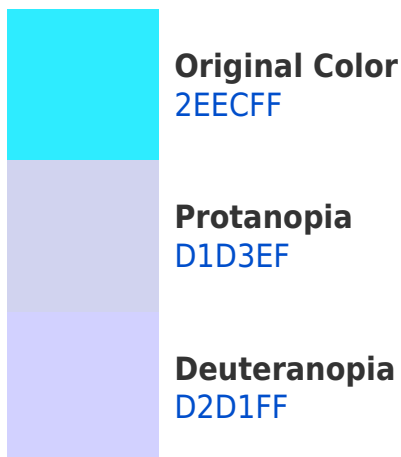


This preview shows how white text looks on a background with the Hex color 2EECFE.

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



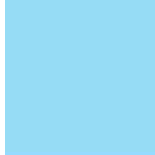


Tritanopia
31ECFF

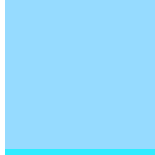
Trichromacy



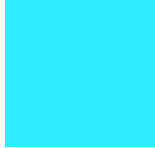
Original Color
2EECFE



Protanomaly
96DCF5



Deuteranomaly
96DBFF

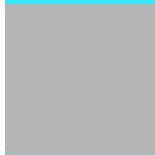


Tritanomaly
30ECFE

Monochromacy



Original Color
2EECFE



Achromatopsia
B5B5B5



Achromatomaly
84C9D0

CSS Examples

Text

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

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

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 #2EECFE colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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