

Converting Colors

Hex(2EBFE8)

Have a look what the booklet for
Hex(2EBFE8) contains.

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Color

Hex(2EBFE8)

Conversions

Conversions Part 1

Format	Color
Hex	2EBFE8
RGB	46, 191, 232
RGB Percent	18%, 75%, 91%
CMY	0.8196, 0.2510, 0.0902
CMYK	0.80, 0.18, 0.00, 0.09
HSL	193°, 80%, 55%
HSV	193°, 80%, 91%
XYZ	34.3230, 43.6686, 82.9638
YIQ	152.3190, -99.5810, -17.9890

Conversions

Conversions Part 2

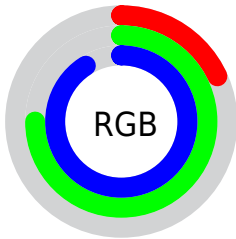
Format	Color
RYB	46, 127, 232
Decimal	3063784
CIELab	72.01, -23.28, -30.94
CIElCh	72, 38.719, 233.037
Yxy	43.6686, 0.2132, 0.2713
Android (android.graphics.Color)	4281253864 (0xFF2EBFE8)
YUV	152.3190, 39.2827, -93.2418
Hunter-Lab	66.0823, -22.9314, -28.1788

Details

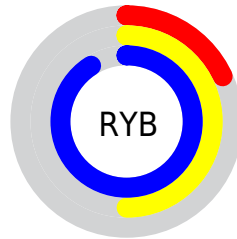
The Hex color **2EBFE8** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed azure. A complement of this color would be **E8572E**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **7AF8FF**, and **0089B0** is the 20% darker color. If you saturate the color by 10%, you get **17BAE8**, and if you desaturate by 10%, it is **45C4E8**.

Distribution



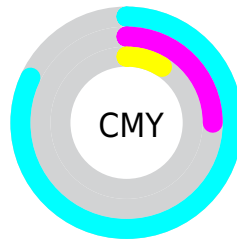
- Red (18%)
- Green (75%)
- Blue (91%)



- Red (18%)
- Yellow (50%)
- Blue (91%)



- Cyan (80%)
- Magenta (18%)
- Yellow (0%)
- Black (9%)



- Cyan (82%)
- Magenta (25%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2EBFE8 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 2EBFE8 by changing the saturation by 10% instead.

 2EBFE8

 2EBFE8

FFFFFF

 00A4CC

 7AF8FF

 0089B0

 9AFFFF

 007095

 BAFFFF

 00577B

 D9FFFF


 004062

 F8FFFF

 00294A

 001134

 00021E

 000000

 2EBFE8

 2EBFE8

 17BAE8

 45C4E8

 00B5E8

 5CC9E8

 74CEE8

 8BD3E8

 A2D9E8

 B9DEE8

 D0E3E8

 E8E8E8

 FFEDE8

Harmonies

Analogous

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



1FC3CB



2EBFE8



6FB6F6

Triad

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



2EBFE8



EF96BA



ACB76E

Complementary

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



2EBFE8



E8572E

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.



CFAC6A



2EBFE8



F59697

Square

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



2EBFE8



D59EDB



E99F79



83BF85

Rectangle

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



2EBFE8



97AFF5



E99F79



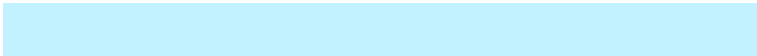
B9B36B

Sweetspot

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



2EBFE8



C2F2FF



2EE856



5B7780



000000



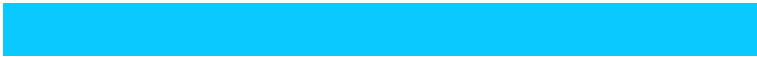
808080

Same Dimension

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



2EBFE8



0AC9FF



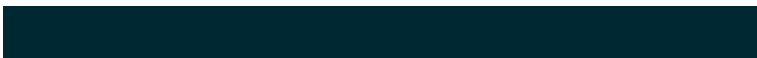
2E63E8



677073



008BB3



002833

Inverse Universe

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



E82EBF



FF0AC9



E8B32E



736770



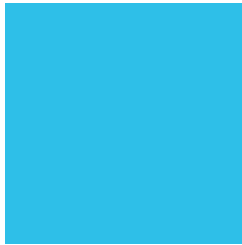
B3008B



330028

Previews

White Background



This preview shows how the Hex color 2EBFE8 looks on a white background.

Color Contrast Check

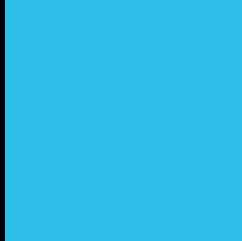
Large Text (above 18pt) WCAG AA × Fail

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 2EBFE8 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 2EBFE8 Background



This preview shows how black text looks on a background with the Hex color 2EBFE8.

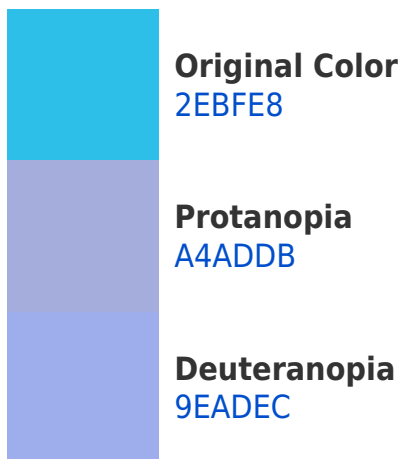


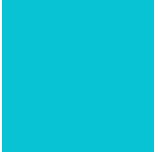
This preview shows how white text looks on a background with the Hex color 2EBFE8.

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



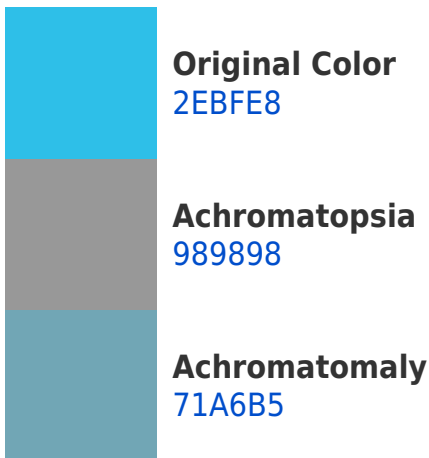


Tritanopia
07C3D3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2EBFE8 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 #2EBFE8 looks like.

```
.text, #text, p{  
    color:#2EBFE8  
}
```

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 #2EBFE8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2EBFE8
}
```

Border

The CSS property to change the border of an element to Hex 2EBFE8 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
#2EBFE8 }
```

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

```
.border{ border-color:#2EBFE8 }
```

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

Here you see how a box with a 4 pixel #2EBFE8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2EBFE8; -webkit-box-shadow:4px 4px  
4px 4px #2EBFE8; box-shadow:4px 4px 4px  
4px #2EBFE8 }
```

Background

The CSS property to change the background color of an element to Hex 2EBFE8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2EBFE8 }
```

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

```
.background{ background-color:#2EBFE8 }
```

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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