

Converting Colors

Hex(2EBEE9)

Have a look what the booklet for
Hex(2EBEE9) contains.

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Color

Hex(2EBEE9)

Conversions

Conversions Part 1

Format	Color
Hex	2EBEE9
RGB	46, 190, 233
RGB Percent	18%, 75%, 91%
CMY	0.8196, 0.2549, 0.0863
CMYK	0.80, 0.18, 0.00, 0.09
HSL	194°, 81%, 55%
HSV	194°, 80%, 91%
XYZ	34.2481, 43.2909, 83.6417
YIQ	151.8460, -99.6270, -17.1550

Conversions

Conversions Part 2

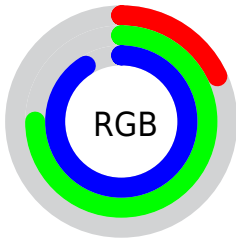
Format	Color
RYB	46, 127, 233
Decimal	3063529
CIELab	71.75, -22.44, -31.87
CIELCh	72, 38.981, 234.847
Yxy	43.2909, 0.2125, 0.2686
Android (android.graphics.Color)	4281253609 (0xFF2EBEE9)
YUV	151.8460, 40.0089, -92.8269
Hunter-Lab	65.7959, -22.2297, -29.3142

Details

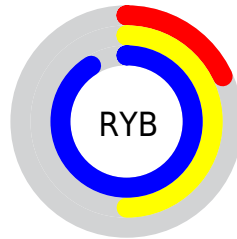
The Hex color **2EBEE9** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed azure. A complement of this color would be **E9592E**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **7AF6FF**, and **0088B1** is the 20% darker color. If you saturate the color by 10%, you get **17B9E9**, and if you desaturate by 10%, it is **45C3E9**.

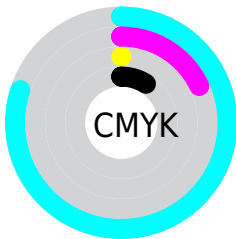
Distribution



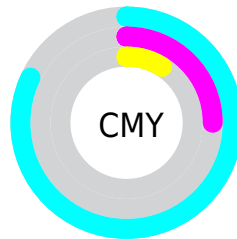
- Red (18%)
- Green (75%)
- Blue (91%)



- 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 2EBEE9 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 2EBEE9 by changing the saturation by 10% instead.

■ 2EBEE9

■ 2EBEE9

FFFFFF

■ 00A3CD

■ 7AF6FF

■ 0088B1

■ 9BFFFF

■ 006F96

■ BAFFFF

■ 00567C

■ D9FFFF

■ 003F63

■ F8FFFF

■ 00294B

■ 001034

■ 00021E

■ 000001

■ 2EBEE9

■ 2EBEE9

■ 17B9E9

■ 45C3E9

■ 00B3E9

■ 5DC9E9

■ 74CEE9

■ 8BD3E9

■ A3D9E9

■ BADEE9

■ D1E4E9

■ E8E9E9

■ FFE9E9

Harmonies

Analogous

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



16C2CC



2EBEE9



71B5F6

Triad

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



2EBEE9



F095B7



A9B76E

Complementary

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



2EBEE9



E9592E

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.



CDAC69



2EBEE9



F59694

Square

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



2EBEE9



D79CD9



E89F77



7FBF86

Rectangle

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



2EBEE9



99ADF4



E89F77



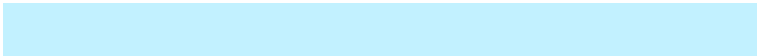
B6B36A

Sweetspot

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



2EBEE9



C2F1FF



2EE957



5B7780



000000



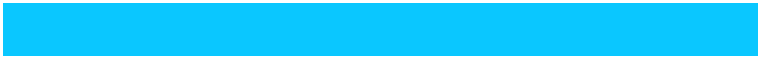
808080

Same Dimension

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



2EBEE9



0AC7FF



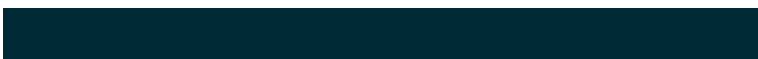
2E63E9



6A7375



008BB5



002936

Inverse Universe

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



E92EBE



FF0AC7



E9B42E



756A73



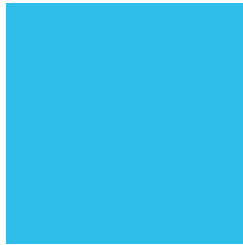
B5008B



360029

Previews

White Background



This preview shows how the Hex color 2EBEE9 looks on a white background.

Color Contrast Check

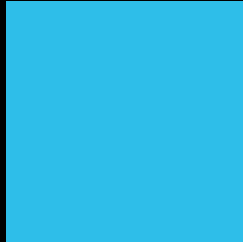
Large Text (above 18pt) WCAG AA × Fail

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 2EBEE9 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 2EBEE9 Background



This preview shows how black text looks on a background with the Hex color 2EBEE9.

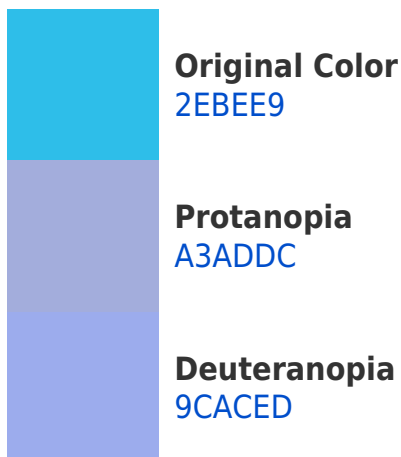


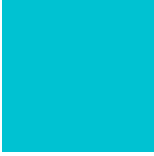
This preview shows how white text looks on a background with the Hex color 2EBEE9.

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
00C2D2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2EBEE9 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 #2EBEE9 looks like.

```
.text, #text, p{  
    color:#2EBEE9  
}
```

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 #2EBEE9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2EBEE9
}
```

Border

The CSS property to change the border of an element to Hex 2EBEE9 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
#2EBEE9 }
```

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

```
.border{ border-color:#2EBEE9 }
```

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

Here you see how a box with a 4 pixel #2EBEE9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2EBEE9; -webkit-box-shadow:4px 4px  
4px 4px #2EBEE9; box-shadow:4px 4px 4px  
4px #2EBEE9 }
```

Background

The CSS property to change the background color of an element to Hex 2EBEE9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2EBEE9 }
```

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

```
.background{ background-color:#2EBEE9 }
```

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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