

Converting Colors

Hex(2EB8E8)

Have a look what the booklet for
Hex(2EB8E8) contains.

Hex(2EB8E8)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2EB8E8)

Conversions

Conversions Part 1

Format	Color
Hex	2EB8E8
RGB	46, 184, 232
RGB Percent	18%, 72%, 91%
CMY	0.8196, 0.2784, 0.0902
CMYK	0.80, 0.21, 0.00, 0.09
HSL	195°, 80%, 55%
HSV	195°, 80%, 91%
XYZ	32.8327, 40.6880, 82.4670
YIQ	148.2100, -97.6560, -14.3280

Conversions

Conversions Part 2

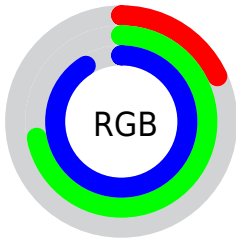
Format	Color
R _Y B	46, 125, 232
Decimal	3061992
CIE Lab	69.96, -19.68, -34.11
CIE LCh	70, 39.375, 240.018
Yxy	40.6880, 0.2105, 0.2608
Android (android.graphics.Color)	4281252072 (0xFF2EB8E8)
YUV	148.2100, 41.3085, -89.6382
Hunter-Lab	63.7872, -19.7495, -32.0019

Details

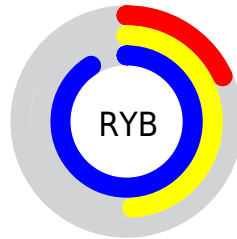
The Hex color **2EB8E8** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed azure. A complement of this color would be **E85E2E**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **7AF0FF**, and **0083B0** is the 20% darker color. If you saturate the color by 10%, you get **17B2E8**, and if you desaturate by 10%, it is **45BEE8**.

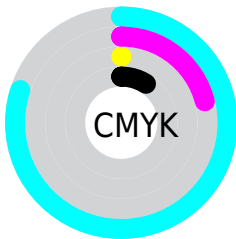
Distribution



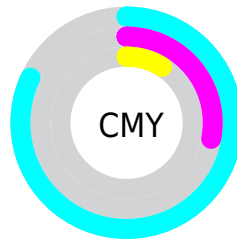
- Red (18%)
- Green (72%)
- Blue (91%)



- Red (18%)
- Yellow (49%)
- Blue (91%)



- Cyan (80%)
- Magenta (21%)
- Yellow (0%)
- Black (9%)



- Cyan (82%)
- Magenta (28%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2EB8E8 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 2EB8E8 by changing the saturation by 10% instead.

 2EB8E8

 2EB8E8

FFFFFF

 009DCC

 7AF0FF

 0083B0

 9AFFFF

 006A95

 B9FFFF

 00517B

 D8FFFF

 003A62

 F7FFFF

 00254A

 000433

 00021D

 000000

 2EB8E8

 2EB8E8

 17B2E8

 45BEE8

 00ACE8

 5CC4E8

 74CAE8

 8BD0E8

 A2D6E8

 B9DCE8

 D0E2E8

 E8E8E8

 FFEEE8

Harmonies

Analogous

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



00BDCE



2EB8E8



76AEF2

Triad

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



2EB8E8



ED8FAC



9DB36C

Complementary

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



2EB8E8



E85E2E

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.



C2A963



2EB8E8



EF9289

Square

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



2EB8E8



D895CF



DF9C6E



72BB86

Rectangle

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



2EB8E8



9DA6EE



DF9C6E



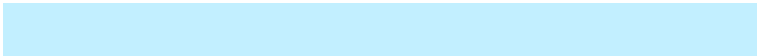
AAB066

Sweetspot

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



2EB8E8



C2EFFF



2EE85D



5B7680



000000



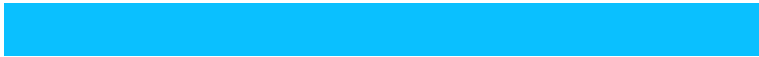
808080

Same Dimension

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



2EB8E8



0AC0FF



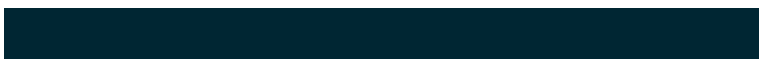
2E5DE8



677073



0084B3



002633

Inverse Universe

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



E82EB8



FF0AC0



E8BA2E



736770



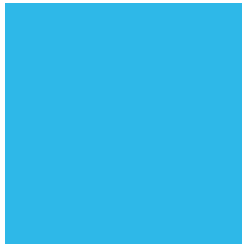
B30084



330026

Previews

White Background



This preview shows how the Hex color 2EB8E8 looks on a white background.

Color Contrast Check

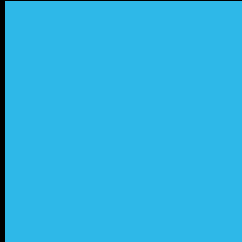
Large Text (above 18pt) WCAG AA × Fail

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 2EB8E8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

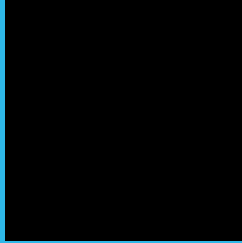
Any Text WCAG AA ✓ Pass

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 2EB8E8 Background



This preview shows how black text looks on a background with the Hex color 2EB8E8.



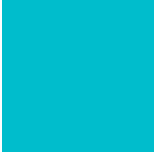
This preview shows how white text looks on a background with the Hex color 2EB8E8.

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





Trichromacy



Original Color
2EB8E8



Protanomaly
74AEE0



Deuteranomaly
6FAEEB



Tritanomaly
11BBD6

Monochromacy



Original Color
2EB8E8



Achromatopsia
949494



Achromatomaly
6FA1B3

CSS Examples

Text

The CSS property to change the color of the text to Hex 2EB8E8 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 #2EB8E8 looks like.

```
.text, #text, p{  
    color:#2EB8E8  
}
```

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 #2EB8E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2EB8E8
}
```

Border

The CSS property to change the border of an element to Hex 2EB8E8 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
#2EB8E8 }
```

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

```
.border{ border-color:#2EB8E8 }
```

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

Here you see how a box with a 4 pixel #2EB8E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2EB8E8; -webkit-box-shadow:4px 4px  
4px 4px #2EB8E8; box-shadow:4px 4px 4px  
4px #2EB8E8 }
```

Background

The CSS property to change the background color of an element to Hex 2EB8E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2EB8E8 }
```

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

```
.background{ background-color:#2EB8E8 }
```

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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