

Converting Colors

Hex(2EB4D2)

Have a look what the booklet for
Hex(2EB4D2) contains.

Hex(2EB4D2)	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(2EB4D2)

Conversions

Conversions Part 1

Format	Color
Hex	2EB4D2
RGB	46, 180, 210
RGB Percent	18%, 71%, 82%
CMY	0.8196, 0.2941, 0.1765
CMYK	0.78, 0.14, 0.00, 0.18
HSL	191°, 65%, 50%
HSV	191°, 78%, 82%
XYZ	29.0808, 37.8765, 66.7509
YIQ	143.3540, -89.4940, -19.0780

Conversions

Conversions Part 2

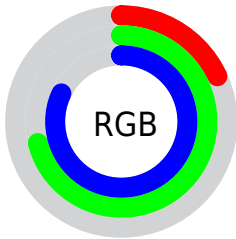
Format	Color
RYB	46, 120, 210
Decimal	3060946
CIELab	67.93, -24.85, -25.19
CIElCh	68, 35.385, 225.400
Yxy	37.8765, 0.2175, 0.2833
Android (android.graphics.Color)	4281251026 (0xFF2EB4D2)
YUV	143.3540, 32.8565, -85.3795
Hunter-Lab	61.5439, -23.3567, -21.2256

Details

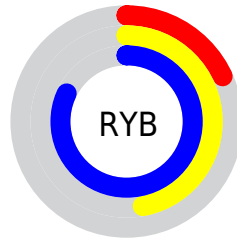
The Hex color **2EB4D2** is a dark color, and the websafe version is hex **33CCFF**. The color can be described as middle washed azure. A complement of this color would be **D24C2E**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **76ECFF**, and **007F9B** is the 20% darker color. If you saturate the color by 10%, you get **19B0D2**, and if you desaturate by 10%, it is **43B8D2**.

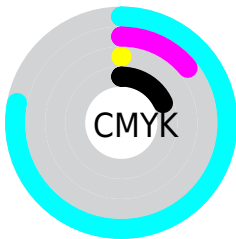
Distribution



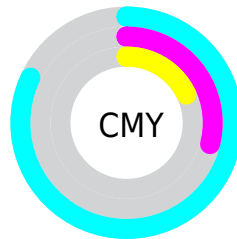
- Red (18%)
- Green (71%)
- Blue (82%)



- Red (18%)
- Yellow (47%)
- Blue (82%)



- Cyan (78%)
- Magenta (14%)
- Yellow (0%)
- Black (18%)



- Cyan (82%)
- Magenta (29%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2EB4D2 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 2EB4D2 by changing the saturation by 10% instead.

■ 2EB4D2

■ 2EB4D2

FFFFFF

■ 0099B6

■ 76ECFF

■ 007F9B

■ 95FFFF

■ 006681

■ B4FFFF

■ 004D68

■ D3FFFF

■ 003650

■ F1FFFF

■ 002239

■ 000223

■ 00000B

■ 000000

■ 2EB4D2

■ 2EB4D2

■ 19B0D2

■ 43B8D2

■ 04ACD2

■ 58BCD2

■ 00ACD2

■ 6DC0D2

■ 82C3D2

■ 97C7D2

■ ACCBD2

■ C1CFD2

■ D6D3D2

■ EBD7D2

Harmonies

Analogous

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



35B7B5



2EB4D2



5EADE3

Triad

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



2EB4D2



DA8FB6



AAA967

Complementary

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



2EB4D2



D24C2E

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.



C99E68



2EB4D2



E48D96

Square

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



2EB4D2



BE97D3



DD9479



87B178

Rectangle

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



2EB4D2



82A7E5



DD9479



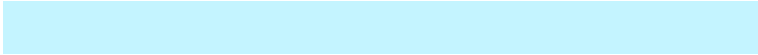
B5A565

Sweetspot

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



2EB4D2



C4F4FF



2ED249



5C7980



000000



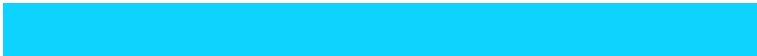
808080

Same Dimension

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



2EB4D2



0FD3FF



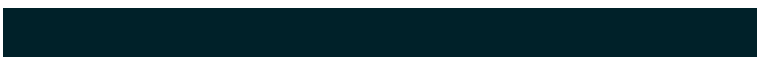
2E65D2



5E6769



008AA8



002129

Inverse Universe

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



D22EB4



FF0FD3



D29B2E



695E67



A8008A



290021

Previews

White Background



This preview shows how the Hex color 2EB4D2 looks on a white background.

Color Contrast Check

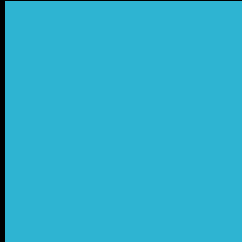
Large Text (above 18pt) WCAG AA × Fail

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 2EB4D2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

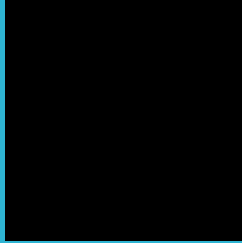
Any Text WCAG AA ✓ Pass

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 2EB4D2 Background



This preview shows how black text looks on a background with the Hex color 2EB4D2.

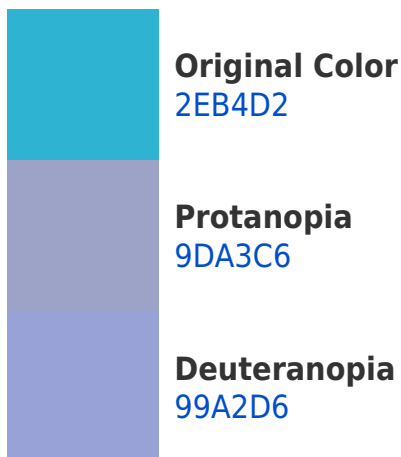


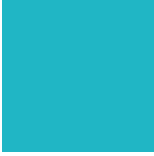
This preview shows how white text looks on a background with the Hex color 2EB4D2.

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](#).

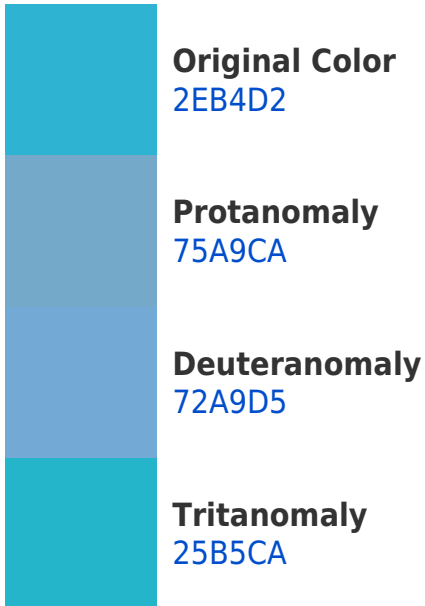
Dichromacy



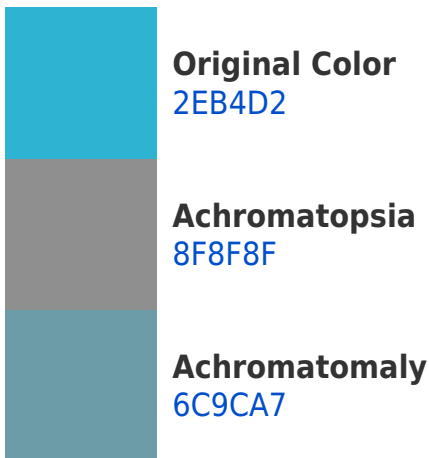


Tritanopia
20B6C5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2EB4D2 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 #2EB4D2 looks like.

```
.text, #text, p{  
    color:#2EB4D2  
}
```

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 #2EB4D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2EB4D2
}
```

Border

The CSS property to change the border of an element to Hex 2EB4D2 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
#2EB4D2 }
```

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

```
.border{ border-color:#2EB4D2 }
```

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

Here you see how a box with a 4 pixel #2EB4D2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2EB4D2; -webkit-box-shadow:4px 4px  
4px 4px #2EB4D2; box-shadow:4px 4px 4px  
4px #2EB4D2 }
```

Background

The CSS property to change the background color of an element to Hex 2EB4D2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2EB4D2 }
```

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

```
.background{ background-color:#2EB4D2 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor