

Converting Colors

Hex(2EB5C9)

Have a look what the booklet for
Hex(2EB5C9) contains.

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Color

Hex(2EB5C9)

Conversions

Conversions Part 1

Format	Color
Hex	2EB5C9
RGB	46, 181, 201
RGB Percent	18%, 71%, 79%
CMY	0.8196, 0.2902, 0.2118
CMYK	0.77, 0.10, 0.00, 0.21
HSL	188°, 63%, 48%
HSV	188°, 77%, 79%
XYZ	28.1932, 37.8456, 61.0773
YIQ	142.9150, -86.8800, -22.4000

Conversions

Conversions Part 2

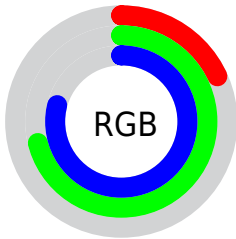
Format	Color
RYB	46, 118, 201
Decimal	3061193
CIELab	67.91, -28.21, -20.28
CIELCh	68, 34.742, 215.708
Yxy	37.8456, 0.2218, 0.2977
Android (android.graphics.Color)	4281251273 (0xFF2EB5C9)
YUV	142.9150, 28.6359, -84.9945
Hunter-Lab	61.5188, -25.8539, -15.8014

Details

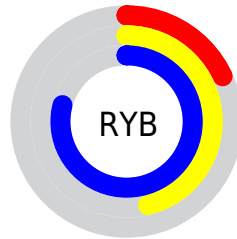
The Hex color **2EB5C9** is a dark color, and the websafe version is hex **66CCCC**. The color can be described as middle muted azure. A complement of this color would be **C9422E**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **75EDFF**, and **008093** is the 20% darker color. If you saturate the color by 10%, you get **1AB2C9**, and if you desaturate by 10%, it is **42B8C9**.

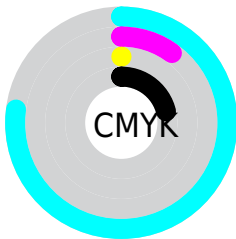
Distribution



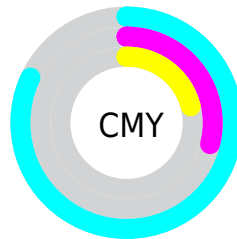
- Red (18%)
- Green (71%)
- Blue (79%)



- Red (18%)
- Yellow (46%)
- Blue (79%)



- Cyan (77%)
- Magenta (10%)
- Yellow (0%)
- Black (21%)



- Cyan (82%)
- Magenta (29%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2EB5C9 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 2EB5C9 by changing the saturation by 10% instead.

 2EB5C9

 2EB5C9

FFFFFF

 009AAE

 75EDFF

 008093

 94FFFF

 006679

 B2FFFF

 004E60

 D1FFFF

 003649

 F0FFFF

 002232

 00021D

 000000

 2EB5C9

 2EB5C9

■ 1AB2C9

■ 42B8C9

■ 06B0C9

■ 56BAC9

■ 00AFC9

■ 6ABDC9

■ 7EBFC9

■ 93C2C9

■ A7C5C9

■ BBC7C9

■ CFCAC9

■ E3CCC9

Harmonies

Analogous

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



45B6AB



2EB5C9



4FB0DE

Triad

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



2EB5C9



D291C0



B5A667

Complementary

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



2EB5C9



C9422E

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.



D09B6D



2EB5C9



E28DA1

Square

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



2EB5C9



B19BD8



E09182



93AE72

Rectangle

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



2EB5C9



72AAE3



E09182



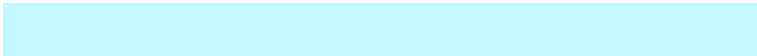
BFA267

Sweetspot

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



2EB5C9



C4F7FF



2EC940



5C7B80



000000



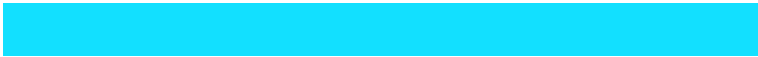
808080

Same Dimension

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



2EB5C9



12E0FF



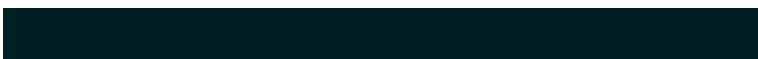
2E69C9



5A6263



008EA3



001F24

Inverse Universe

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



C92EB5



FF12E0



C98E2E



635A62



A3008E



24001F

Previews

White Background



This preview shows how the Hex color 2EB5C9 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 2EB5C9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

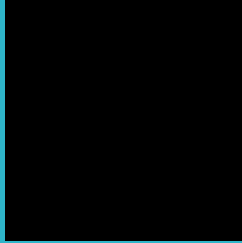
Any Text WCAG AA ✓ Pass

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 2EB5C9 Background



This preview shows how black text looks on a background with the Hex color 2EB5C9.

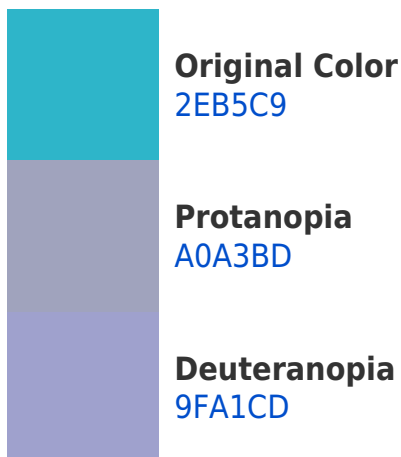


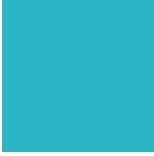
This preview shows how white text looks on a background with the Hex color 2EB5C9.

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
2AB6C5

Trichromacy



Original Color
2EB5C9



Protanomaly
77AAC1



Deuteranomaly
76A8CC



Tritanomaly
2BB6C6

Monochromacy



Original Color
2EB5C9



Achromatopsia
8F8F8F



Achromatomaly
6C9DA4

CSS Examples

Text

The CSS property to change the color of the text to Hex 2EB5C9 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 #2EB5C9 looks like.

```
.text, #text, p{  
    color:#2EB5C9  
}
```

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 #2EB5C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2EB5C9
}
```

Border

The CSS property to change the border of an element to Hex 2EB5C9 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
#2EB5C9 }
```

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

```
.border{ border-color:#2EB5C9 }
```

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

Here you see how a box with a 4 pixel #2EB5C9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2EB5C9; -webkit-box-shadow:4px 4px  
4px 4px #2EB5C9; box-shadow:4px 4px 4px  
4px #2EB5C9 }
```

Background

The CSS property to change the background color of an element to Hex 2EB5C9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2EB5C9 }
```

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

```
.background{ background-color:#2EB5C9 }
```

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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