

Converting Colors

Hex(2EC6D0)

Have a look what the booklet for
Hex(2EC6D0) contains.

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Color

Hex(2EC6D0)

Conversions

Conversions Part 1

Format	Color
Hex	2EC6D0
RGB	46, 198, 208
RGB Percent	18%, 78%, 82%
CMY	0.8196, 0.2235, 0.1843
CMYK	0.78, 0.05, 0.00, 0.18
HSL	184°, 64%, 50%
HSV	184°, 78%, 82%
XYZ	32.7060, 45.5231, 66.7376
YIQ	153.6920, -93.8020, -29.1140

Conversions

Conversions Part 2

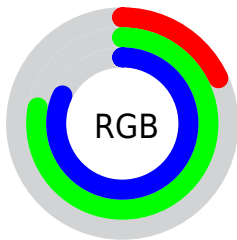
Format	Color
RYB	46, 124, 208
Decimal	3065552
CIELab	73.23, -34.26, -16.04
CIELCh	73, 37.826, 205.084
Yxy	45.5231, 0.2256, 0.3140
Android (android.graphics.Color)	4281255632 (0xFF2EC6D0)
YUV	153.6920, 26.7738, -94.4459
Hunter-Lab	67.4708, -31.5473, -11.4161

Details

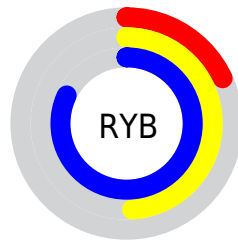
The Hex color **2EC6D0** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **D0382E**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **78FFFF**, and **00909A** is the 20% darker color. If you saturate the color by 10%, you get **19C5D0**, and if you desaturate by 10%, it is **43C7D0**.

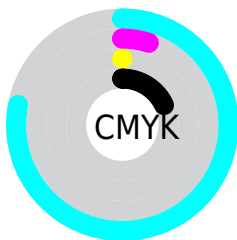
Distribution



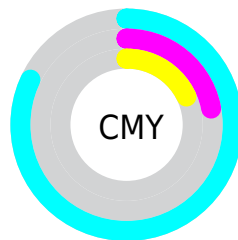
- Red (18%)
- Green (78%)
- Blue (82%)



- Red (18%)
- Yellow (49%)
- Blue (82%)



- Cyan (78%)
- Magenta (5%)
- Yellow (0%)
- Black (18%)



- Cyan (82%)
- Magenta (22%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2EC6D0 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 2EC6D0 by changing the saturation by 10% instead.

 2EC6D0

 2EC6D0

FFFFFF

 00AAB4

 78FFFF

 00909A

 97FFFF

 007580

 B6FFFF

 005C67

 D5FFFF

 00444F

 F4FFFF

 002D38

 001523

 00000B

 000000

 2EC6D0

 2EC6D0

 19C5D0

 43C7D0

 04C3D0

 58C9D0

 00C3D0

 6CCAD0

 81CBD0

 96CCD0

 ABCED0

 C0CFD0

 D4D0D0

 E9D2D0

Harmonies

Analogous

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



58C6AD



2EC6D0



3FC2EC

Triad

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



2EC6D0



DAA1DC



D0B06E

Complementary

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



2EC6D0



D0382E

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.



EBA47C



2EC6D0



F39ABB

Square

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



2EC6D0



B0ADF2



F79B98



ADBB74

Rectangle

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



2EC6D0



65BCF6



F79B98



DAAC71

Sweetspot

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



2EC6D0



C4FBFF



2ED036



5C7D80



000000



808080

Same Dimension

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



2EC6D0



12F0FF



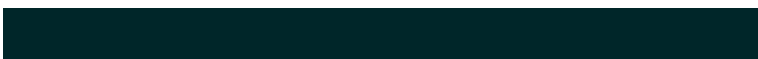
2E77D0



5E6869



009EA8



002629

Inverse Universe

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



D02EC6



FF12F0



D0872E



695E68



A8009E



290026

Previews

White Background



This preview shows how the Hex color 2EC6D0 looks on a white background.

Color Contrast Check

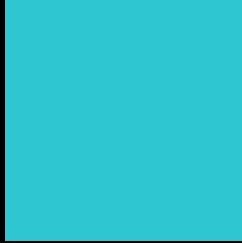
Large Text (above 18pt) WCAG AA × Fail

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 2EC6D0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

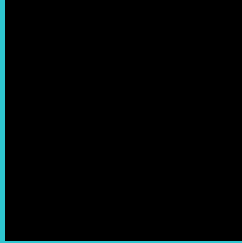
Any Text WCAG AA ✓ Pass

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 2EC6D0 Background



This preview shows how black text looks on a background with the Hex color 2EC6D0.

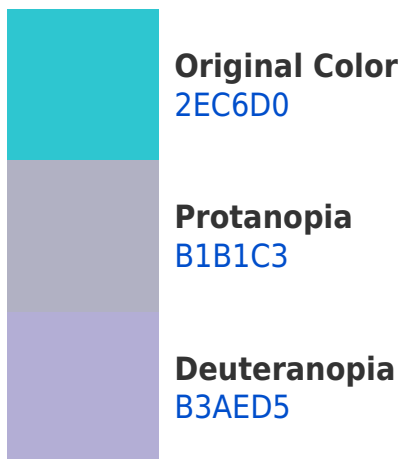


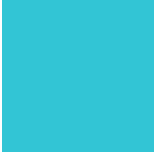
This preview shows how white text looks on a background with the Hex color 2EC6D0.

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](#).

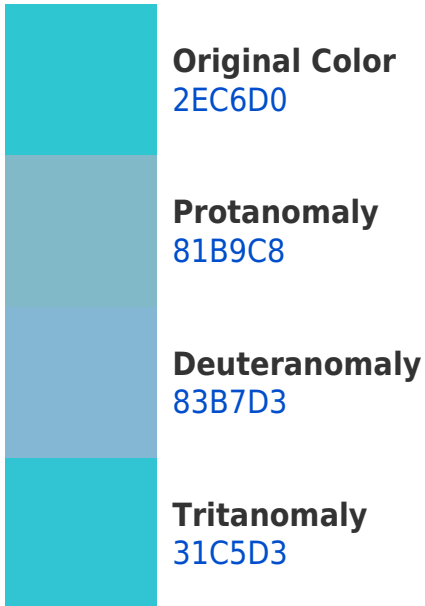
Dichromacy





Tritanopia
32C5D5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2EC6D0 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 #2EC6D0 looks like.

```
.text, #text, p{  
    color:#2EC6D0  
}
```

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 #2EC6D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2EC6D0
}
```

Border

The CSS property to change the border of an element to Hex 2EC6D0 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
#2EC6D0 }
```

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

```
.border{ border-color:#2EC6D0 }
```

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

Here you see how a box with a 4 pixel #2EC6D0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2EC6D0; -webkit-box-shadow:4px 4px  
4px 4px #2EC6D0; box-shadow:4px 4px 4px  
4px #2EC6D0 }
```

Background

The CSS property to change the background color of an element to Hex 2EC6D0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2EC6D0 }
```

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

```
.background{ background-color:#2EC6D0 }
```

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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