

Converting Colors

Hex(2EC5D4)

Have a look what the booklet for
Hex(2EC5D4) contains.

Hex(2EC5D4)	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(2EC5D4)

Conversions

Conversions Part 1

Format	Color
Hex	2EC5D4
RGB	46, 197, 212
RGB Percent	18%, 77%, 83%
CMY	0.8196, 0.2275, 0.1686
CMYK	0.78, 0.07, 0.00, 0.17
HSL	185°, 66%, 51%
HSV	185°, 78%, 83%
XYZ	32.9766, 45.2668, 69.2867
YIQ	153.5610, -94.8110, -27.3470

Conversions

Conversions Part 2

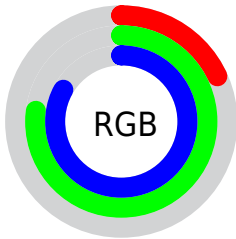
Format	Color
RYB	46, 125, 212
Decimal	3065300
CIELab	73.07, -32.57, -18.46
CIELCh	73, 37.440, 209.544
Yxy	45.2668, 0.2235, 0.3068
Android (android.graphics.Color)	4281255380 (0xFF2EC5D4)
YUV	153.5610, 28.8104, -94.3310
Hunter-Lab	67.2806, -30.2519, -13.9614

Details

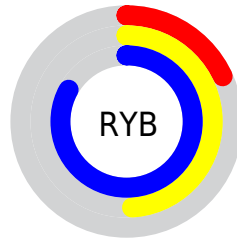
The Hex color **2EC5D4** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **D43D2E**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **78FEFF**, and **008F9D** is the 20% darker color. If you saturate the color by 10%, you get **19C3D4**, and if you desaturate by 10%, it is **43C7D4**.

Distribution



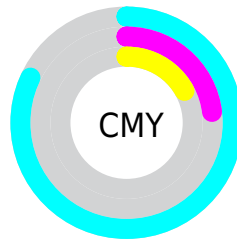
- Red (18%)
- Green (77%)
- Blue (83%)



- Red (18%)
- Yellow (49%)
- Blue (83%)



- Cyan (78%)
- Magenta (7%)
- Yellow (0%)
- Black (17%)



- Cyan (82%)
- Magenta (23%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2EC5D4 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 2EC5D4 by changing the saturation by 10% instead.

 2EC5D4

 2EC5D4

FFFFFF

 00A9B8

 78FEFF

 008F9D

 98FFFF

 007583

 B7FFFF

 005C6A


 D6FFFF

 004352

 F5FFFF

 002D3B

 001425

 00010F

 000000

 2EC5D4

 2EC5D4

 19C3D4

 43C7D4

 04C1D4

 58C9D4

 00C1D4

 6ECBD4

 83CDD4

 98CFD4

 ADD0D4

 C2D2D4

 D8D4D4

 EDD6D4

Harmonies

Analogous

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



52C6B2



2EC5D4



49C0EE

Triad

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



2EC5D4



DE9FD7



CBB16E

Complementary

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



2EC5D4



D43D2E

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.



E6A579



2EC5D4



F399B5

Square

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



2EC5D4



B7ABEF



F59C93



A7BB77

Rectangle

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



2EC5D4



6EBAF6



F59C93



D5AD70

Sweetspot

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



2EC5D4



C4FAFF



2ED43C



5C7C80



000000



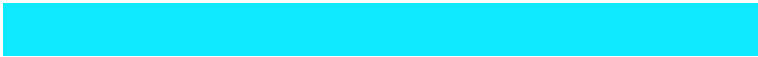
808080

Same Dimension

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



2EC5D4



0FE9FF



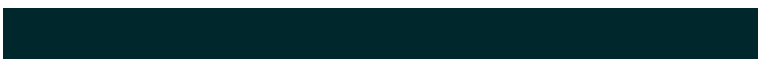
2E73D4



606A6B



009BAB



00272B

Inverse Universe

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



D42EC5



FF0FE9



D48F2E



6B606A



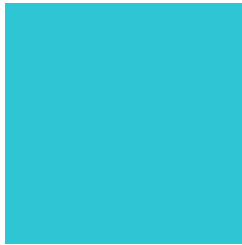
AB009B



2B0027

Previews

White Background



This preview shows how the Hex color 2EC5D4 looks on a white background.

Color Contrast Check

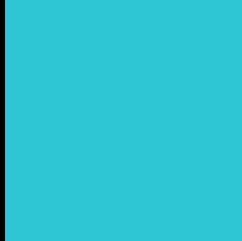
Large Text (above 18pt) WCAG AA × Fail

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 2EC5D4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

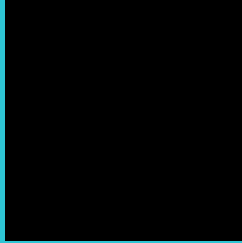
Any Text WCAG AA ✓ Pass

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 2EC5D4 Background



This preview shows how black text looks on a background with the Hex color 2EC5D4.

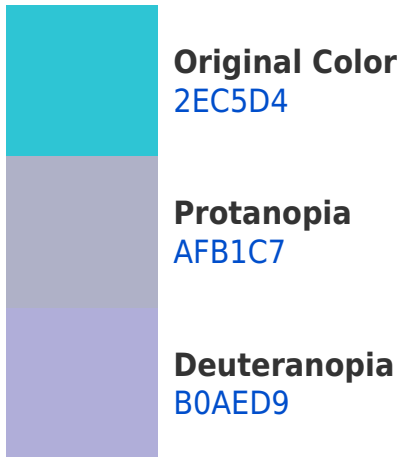


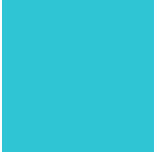
This preview shows how white text looks on a background with the Hex color 2EC5D4.

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](#).

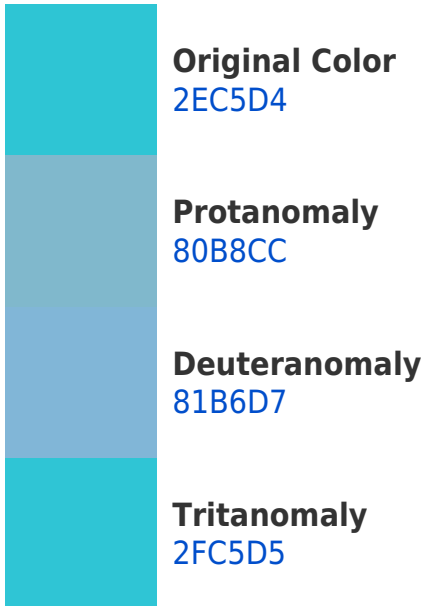
Dichromacy





Tritanopia
2FC5D5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2EC5D4 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 #2EC5D4 looks like.

```
.text, #text, p{  
    color:#2EC5D4  
}
```

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 #2EC5D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2EC5D4
}
```

Border

The CSS property to change the border of an element to Hex 2EC5D4 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
#2EC5D4 }
```

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

```
.border{ border-color:#2EC5D4 }
```

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

Here you see how a box with a 4 pixel #2EC5D4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2EC5D4; -webkit-box-shadow:4px 4px  
4px 4px #2EC5D4; box-shadow:4px 4px 4px  
4px #2EC5D4 }
```

Background

The CSS property to change the background color of an element to Hex 2EC5D4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2EC5D4 }
```

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

```
.background{ background-color:#2EC5D4 }
```

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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