

Converting Colors

Hex(2EC1A0)

Have a look what the booklet for
Hex(2EC1A0) contains.

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Color

Hex(2EC1A0)

Conversions

Conversions Part 1

Format	Color
Hex	2EC1A0
RGB	46, 193, 160
RGB Percent	18%, 76%, 63%
CMY	0.8196, 0.2431, 0.3725
CMYK	0.76, 0.00, 0.17, 0.24
HSL	167°, 62%, 47%
HSV	167°, 76%, 76%
XYZ	26.5418, 41.2588, 39.8226
YIQ	145.2850, -77.0190, -41.4270

Conversions

Conversions Part 2

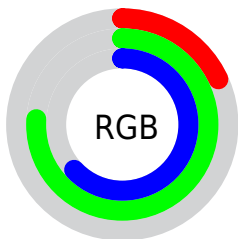
Format	Color
RYB	46, 129, 193
Decimal	3064224
CIELab	70.36, -45.41, 5.86
CIELCh	70, 45.791, 172.643
Yxy	41.2588, 0.2466, 0.3834
Android (android.graphics.Color)	4281254304 (0xFF2EC1A0)
YUV	145.2850, 7.2545, -87.0729
Hunter-Lab	64.2330, -38.6495, 8.2051

Details

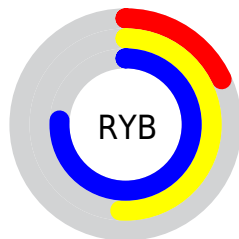
The Hex color **2EC1A0** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **C12E4F**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **73FAD7**, and **008A6D** is the 20% darker color. If you saturate the color by 10%, you get **1BC19C**, and if you desaturate by 10%, it is **41C1A4**.

Distribution



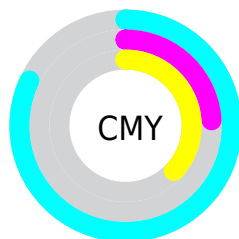
- Red (18%)
- Green (76%)
- Blue (63%)



- Red (18%)
- Yellow (51%)
- Blue (76%)



- Cyan (76%)
- Magenta (0%)
- Yellow (17%)
- Black (24%)



- Cyan (82%)
- Magenta (24%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2EC1A0 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 2EC1A0 by changing the saturation by 10% instead.

 2EC1A0

 2EC1A0

FFFFFF

 00A586

 73FAD7

 008A6D

 92FFF3

 007054

 B0FFFF

 00573D

 CEFFFF

 003E27

 ECFFFF

 002913

 000200

 000000

 2EC1A0

 2EC1A0

■ 1BC19C

■ 41C1A4

■ 07C197

■ 55C1A9

■ 00C196

■ 68C1AD

■ 7BC1B1

■ 8FC1B6

■ A2C1BA

■ B5C1BE

■ C8C1C3

■ DCC1C7

Harmonies

Analogous

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



75BC78



2EC1A0



00C1CB

Triad

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



2EC1A0



A0A5F9



ED976B

Complementary

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



2EC1A0



C12E4F

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.



FB8C8E



2EC1A0



D695DF

Square

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



2EC1A0



50B3FE



F58BB8



CFA658

Rectangle

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



2EC1A0



00BFE3



F58BB8



F49376

Sweetspot

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



2EC1A0



C0FAED



50C12E



5A7D75



FCFCFC



7D7D7D

Same Dimension

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



2EC1A0



16FAC7



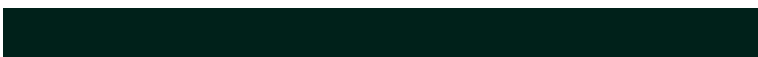
2E9AC1



57615F



00A17D



00211A

Inverse Universe

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



C12E4F



FA164A



C1552E



615759



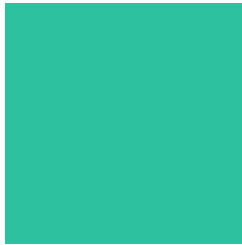
A10024



210007

Previews

White Background



This preview shows how the Hex color 2EC1A0 looks on a white background.

Color Contrast Check

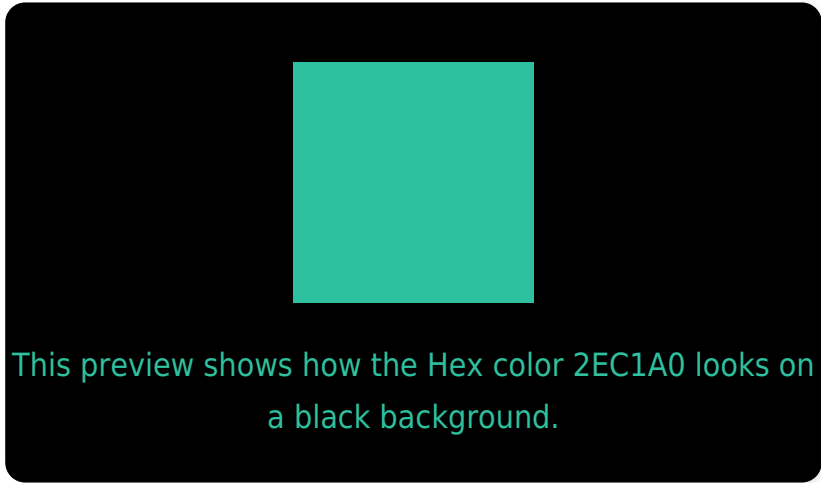
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

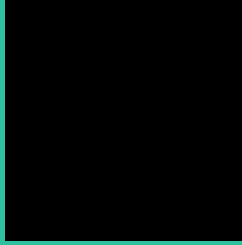
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

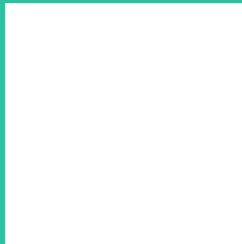
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 2EC1A0 Background



This preview shows how black text looks on a background with the Hex color 2EC1A0.

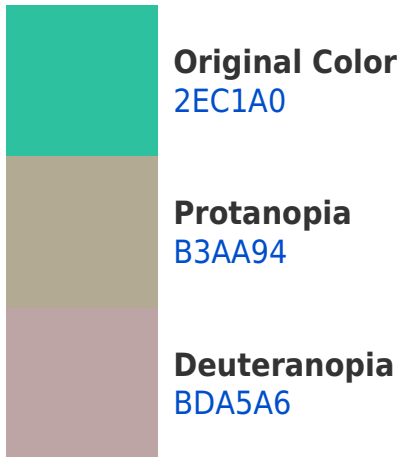


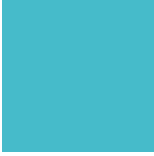
This preview shows how white text looks on a background with the Hex color 2EC1A0.

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
46BBCA

Trichromacy



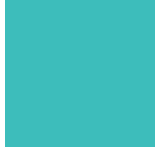
Original Color
2EC1A0



Protanomaly
83B298



Deuteranomaly
89AFA4



Tritanomaly
3DBDBB

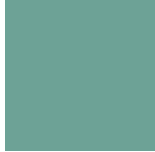
Monochromacy



Original Color
2EC1A0



Achromatopsia
919191



Achromatomaly
6DA296

CSS Examples

Text

The CSS property to change the color of the text to Hex 2EC1A0 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 #2EC1A0 looks like.

```
.text, #text, p{  
    color:#2EC1A0  
}
```

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 #2EC1A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2EC1A0
}
```

Border

The CSS property to change the border of an element to Hex 2EC1A0 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
#2EC1A0 }
```

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

```
.border{ border-color:#2EC1A0 }
```

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

Here you see how a box with a 4 pixel #2EC1A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2EC1A0; -webkit-box-shadow:4px 4px  
4px 4px #2EC1A0; box-shadow:4px 4px 4px  
4px #2EC1A0 }
```

Background

The CSS property to change the background color of an element to Hex 2EC1A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2EC1A0 }
```

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

```
.background{ background-color:#2EC1A0 }
```

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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