

Converting Colors

Hex(2EC7A2)

Have a look what the booklet for
Hex(2EC7A2) contains.

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Color

Hex(2EC7A2)

Conversions

Conversions Part 1

Format	Color
Hex	2EC7A2
RGB	46, 199, 162
RGB Percent	18%, 78%, 64%
CMY	0.8196, 0.2196, 0.3647
CMYK	0.77, 0.00, 0.19, 0.22
HSL	165°, 62%, 48%
HSV	165°, 77%, 78%
XYZ	28.0717, 44.0363, 41.2027
YIQ	149.0350, -79.3110, -43.9430

Conversions

Conversions Part 2

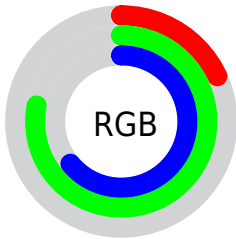
Format	Color
RYB	46, 133, 199
Decimal	3065762
CIELab	72.25, -47.42, 7.50
CIElCh	72, 48.013, 171.015
Yxy	44.0363, 0.2477, 0.3886
Android (android.graphics.Color)	4281255842 (0xFF2EC7A2)
YUV	149.0350, 6.3917, -90.3617
Hunter-Lab	66.3599, -40.6202, 9.6388

Details

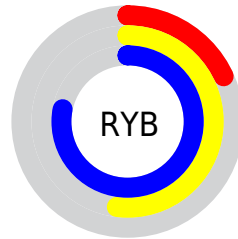
The Hex color **2EC7A2** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **C72E53**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **74FFD9**, and **00906E** is the 20% darker color. If you saturate the color by 10%, you get **1AC79D**, and if you desaturate by 10%, it is **42C7A7**.

Distribution



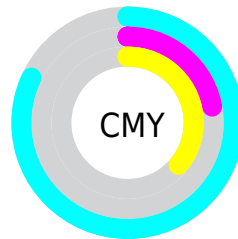
- Red (18%)
- Green (78%)
- Blue (64%)



- Red (18%)
- Yellow (52%)
- Blue (78%)



- Cyan (77%)
- Magenta (0%)
- Yellow (19%)
- Black (22%)



- Cyan (82%)
- Magenta (22%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2EC7A2 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 2EC7A2 by changing the saturation by 10% instead.

 2EC7A2

 2EC7A2

FFFFFF

 00AB88

 74FFD9

 00906E

 93FFF5

 007656

 B1FFFF

 005C3F

 D0FFFF

 004329

 EEEFFF

 002D14

 000F00

 000000

 2EC7A2

 2EC7A2

 1AC79D

 42C7A7

 06C798

 56C7AC

 00C797

 6AC7B0

 7EC7B5

 92C7BA

 A5C7BF

 B9C7C4

 CDC7C8

 E1C7CD

Harmonies

Analogous

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



7AC278



2EC7A2



00C8CF

Triad

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



2EC7A2



A0ABFF



F79A6E

Complementary

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



2EC7A2



C72E53

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.



FF8F94



2EC7A2



DB9AE9

Square

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



2EC7A2



46BAFF



FC8EC0



D8AA59

Rectangle

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



2EC7A2



00C5E9



FC8EC0



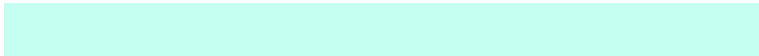
FD967A

Sweetspot

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



2EC7A2



C4FFF1



54C72E



5C8077



000000



808080

Same Dimension

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



2EC7A2



14FFC6



2EA1C7



5A6361



00A37C



00241B

Inverse Universe

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



C72E53



FF144D



C7542E



635A5C



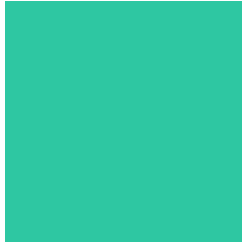
A30027



240009

Previews

White Background



This preview shows how the Hex color 2EC7A2 looks on a white background.

Color Contrast Check

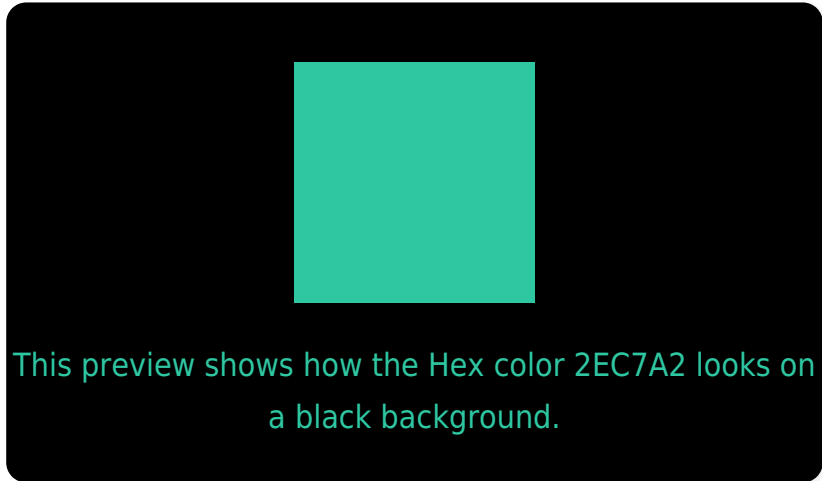
Large Text (above 18pt) WCAG AA × Fail

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

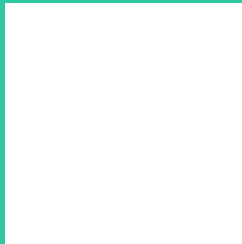
Any Text WCAG AAA ✓ Pass

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

Hex 2EC7A2 Background



This preview shows how black text looks on a background with the Hex color 2EC7A2.

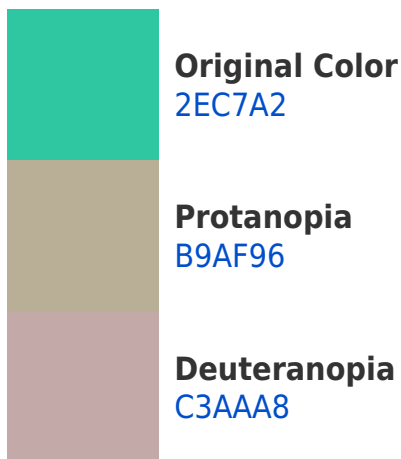


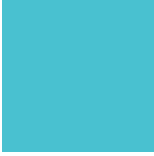
This preview shows how white text looks on a background with the Hex color 2EC7A2.

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
49C1D0

Trichromacy



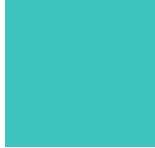
Original Color
2EC7A2



Protanomaly
86B89A



Deuteranomaly
8DB5A6



Tritanomaly
3FC3BF

Monochromacy



Original Color
2EC7A2



Achromatopsia
959595



Achromatomaly
70A79A

CSS Examples

Text

The CSS property to change the color of the text to Hex 2EC7A2 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 #2EC7A2 looks like.

```
.text, #text, p{  
    color:#2EC7A2  
}
```

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 #2EC7A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2EC7A2
}
```

Border

The CSS property to change the border of an element to Hex 2EC7A2 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
#2EC7A2 }
```

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

```
.border{ border-color:#2EC7A2 }
```

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

Here you see how a box with a 4 pixel #2EC7A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2EC7A2; -webkit-box-shadow:4px 4px  
4px 4px #2EC7A2; box-shadow:4px 4px 4px  
4px #2EC7A2 }
```

Background

The CSS property to change the background color of an element to Hex 2EC7A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2EC7A2 }
```

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

```
.background{ background-color:#2EC7A2 }
```

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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