

Converting Colors

Hex(2AC793)

Have a look what the booklet for
Hex(2AC793) contains.

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Color

Hex(2AC793)

Conversions

Conversions Part 1

Format	Color
Hex	2AC793
RGB	42, 199, 147
RGB Percent	16%, 78%, 58%
CMY	0.8353, 0.2196, 0.4235
CMYK	0.79, 0.00, 0.26, 0.22
HSL	160°, 65%, 47%
HSV	160°, 79%, 78%
XYZ	26.6447, 43.4457, 34.5853
YIQ	146.1290, -76.8800, -49.4560

Conversions

Conversions Part 2

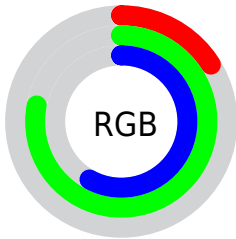
Format	Color
R _Y B	42, 136, 199
Decimal	2803603
CIE Lab	71.86, -51.46, 15.02
CIE LCh	72, 53.602, 163.731
Yxy	43.4457, 0.2545, 0.4151
Android (android.graphics.Color)	4280993683 (0xFF2AC793)
YUV	146.1290, 0.4294, -91.3211
Hunter-Lab	65.9133, -43.1917, 15.0294

Details

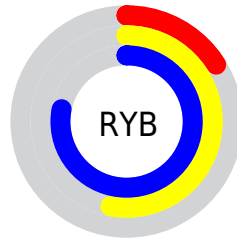
The Hex color **2AC793** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark muted spring green. A complement of this color would be **C72A5E**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **72FFC9**, and **009060** is the 20% darker color. If you saturate the color by 10%, you get **16C78C**, and if you desaturate by 10%, it is **3EC79A**.

Distribution



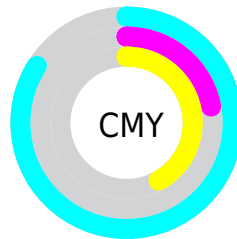
- Red (16%)
- Green (78%)
- Blue (58%)



- Red (16%)
- Yellow (53%)
- Blue (78%)



- Cyan (79%)
- Magenta (0%)
- Yellow (26%)
- Black (22%)



- Cyan (84%)
- Magenta (22%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2AC793 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 2AC793 by changing the saturation by 10% instead.

 2AC793

 2AC793

FFFFFF

 00AB79

 72FFC9

 009060

 90FFE5

 007548

 AFFFFFF

 005C32

 CDFFFF

 00431C

 EBFFFF

 002D04

 000D00

 000000

 2AC793

 2AC793

■ 16C78C

■ 3EC79A

■ 02C786

■ 52C7A0

■ 00C785

■ 66C7A7

■ 7AC7AD

■ 8EC7B4

■ A1C7BB

■ B5C7C1

■ C9C7C8

■ DDC7CE

Harmonies

Analogous

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



80C067



2AC793



00C9C6

Triad

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



2AC793



86AEFF



FF926F

Complementary

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



2AC793



C72A5E

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.



FF879B



2AC793



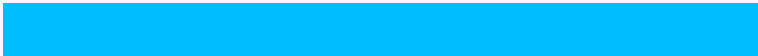
D19AF7

Square

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



2AC793



00BDFE



FD8ACD



E3A450

Rectangle

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



2AC793



00C7E5



FD8ACD



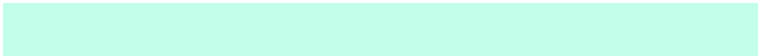
FF8D7C

Sweetspot

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



2AC793



C2FFEB



5EC72A



5B8073



000000



808080

Same Dimension

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



2AC793



0DFFAF



2AADC7



5A6360



00A36D



002418

Inverse Universe

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



C72A5E



FF0D5D



C7442A



635A5D



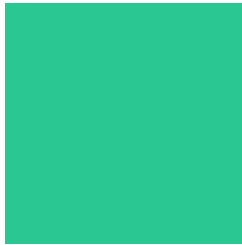
A30036



24000C

Previews

White Background



This preview shows how the Hex color 2AC793 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 2AC793 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

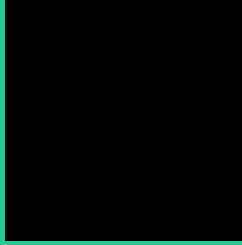
Any Text WCAG AA ✓ Pass

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 2AC793 Background



This preview shows how black text looks on a background with the Hex color 2AC793.

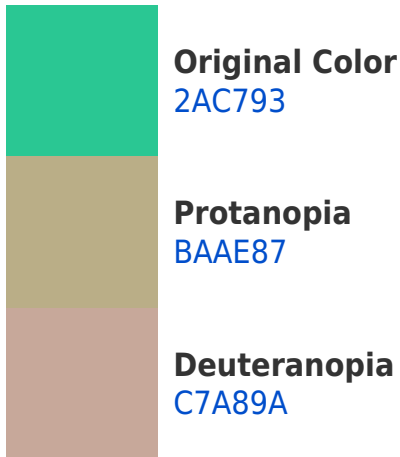


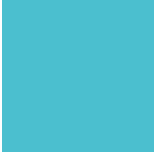
This preview shows how white text looks on a background with the Hex color 2AC793.

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
4BBFCF

Trichromacy



Original Color
2AC793



Protanomaly
86B78B



Deuteranomaly
8EB397



Tritanomaly
3FC2B9

Monochromacy



Original Color
2AC793



Achromatopsia
929292



Achromatomaly
6CA592

CSS Examples

Text

The CSS property to change the color of the text to Hex 2AC793 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 #2AC793 looks like.

```
.text, #text, p{  
    color:#2AC793  
}
```

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 #2AC793 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2AC793
}
```

Border

The CSS property to change the border of an element to Hex 2AC793 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
#2AC793 }
```

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

```
.border{ border-color:#2AC793 }
```

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

Here you see how a box with a 4 pixel #2AC793 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2AC793; -webkit-box-shadow:4px 4px  
4px 4px #2AC793; box-shadow:4px 4px 4px  
4px #2AC793 }
```

Background

The CSS property to change the background color of an element to Hex 2AC793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2AC793 }
```

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

```
.background{ background-color:#2AC793 }
```

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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