

Converting Colors

Hex(2ACCAA)

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

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Color

Hex(2ACCAA)

Conversions

Conversions Part 1

Format	Color
Hex	2ACCAA
RGB	42, 204, 170
RGB Percent	16%, 80%, 67%
CMY	0.8353, 0.2000, 0.3333
CMYK	0.79, 0.00, 0.17, 0.20
HSL	167°, 66%, 48%
HSV	167°, 79%, 80%
XYZ	29.8034, 46.5803, 45.4503
YIQ	151.6860, -85.6380, -44.9180

Conversions

Conversions Part 2

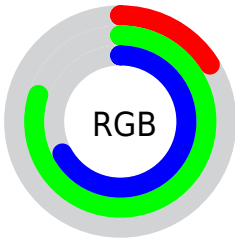
Format	Color
RYB	42, 132, 204
Decimal	2804906
CIELab	73.92, -47.90, 5.56
CIELCh	74, 48.223, 173.374
Yxy	46.5803, 0.2446, 0.3823
Android (android.graphics.Color)	4280994986 (0xFF2ACCAA)
YUV	151.6860, 9.0288, -96.1946
Hunter-Lab	68.2497, -41.4893, 8.2912

Details

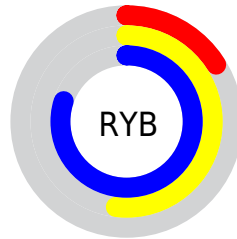
The Hex color **2ACCAA** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **CC2A4C**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **74FFE1**, and **009576** is the 20% darker color. If you saturate the color by 10%, you get **16CCA6**, and if you desaturate by 10%, it is **3ECCA6**.

Distribution



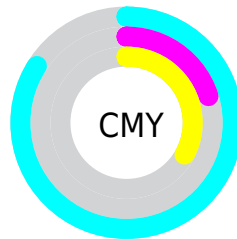
- Red (16%)
- Green (80%)
- Blue (67%)



- Red (16%)
- Yellow (52%)
- Blue (80%)



- Cyan (79%)
- Magenta (0%)
- Yellow (17%)
- Black (20%)



- Cyan (84%)
- Magenta (20%)
- Yellow (33%)

Brightness & Saturation Gradients

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



2ACCAA



2ACCAA

FFFFFF



00B090



74FFE1



009576



93FFFE



007A5D



B1FFFF



006046



D0FFFF



00472F



FFFFFF



00301B



001600



000000



2ACCAA



2ACCAA

■ 16CCA6

■ 3ECCAE

■ 01CCA1

■ 53CCB3

■ 00CCA1

■ 67CCB7

■ 7CCCB8

■ 90CCBF

■ A4CCC4

■ B9CCC8

■ CDCCCC

■ E2CCD1

Harmonies

Analogous

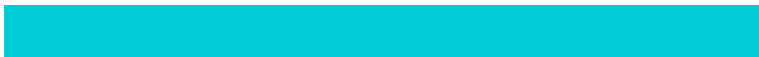
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



7AC77F



2ACCAA



00CCD7

Triad

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



2ACCAA



AAAEFF



FAA070

Complementary

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



2ACCAA



CC2A4C

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.



FF9495



2ACCAA



E39DEB

Square

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



2ACCAA



55BDFE



FF92C1



DAB05C

Rectangle

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



2ACCAA



00CAF1



FF92C1



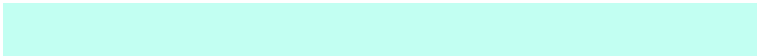
FF9B7B

Sweetspot

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



2ACCAA



C2FFF2



4DCC2A



5B8078



000000



808080

Same Dimension

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



2ACCAA



0DFFCC



2A9ECC



5C6664



00A683



00261E

Inverse Universe

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



CC2A4C



FF0D40



CC582A



665C5E



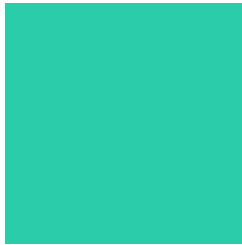
A60023



260008

Previews

White Background



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

Color Contrast Check

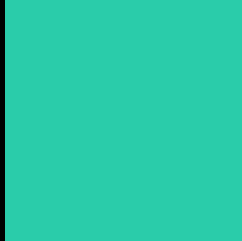
Large Text (above 18pt) WCAG AA × Fail

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 2ACCAA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

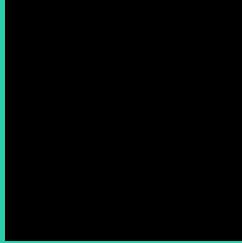
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

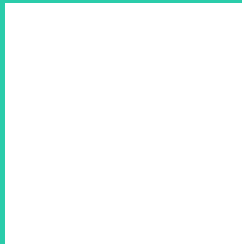
Any Text WCAG AAA ✓ Pass

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

Hex 2ACCAA Background



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



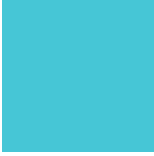
This preview shows how white text looks on a background with the Hex color 2ACCAA.

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](#).

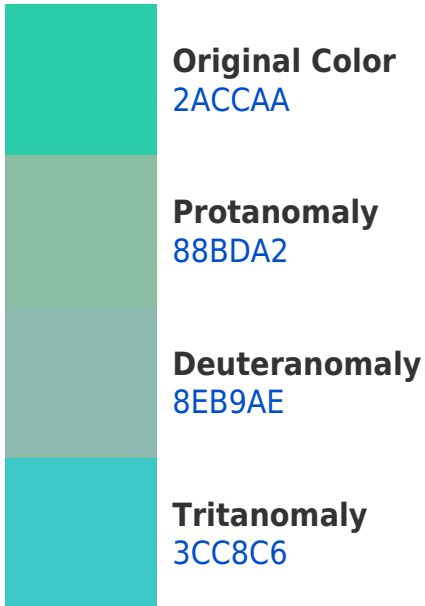
Dichromacy





Tritanopia
46C6D6

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #2ACCAA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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