

Converting Colors

Hex(2AC380)

Have a look what the booklet for
Hex(2AC380) contains.

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Color

Hex(2AC380)

Conversions

Conversions Part 1

Format	Color
Hex	2AC380
RGB	42, 195, 128
RGB Percent	16%, 76%, 50%
CMY	0.8353, 0.2353, 0.4980
CMYK	0.78, 0.00, 0.34, 0.24
HSL	154°, 65%, 46%
HSV	154°, 78%, 76%
XYZ	24.3662, 41.0810, 27.0673
YIQ	141.6150, -69.6810, -53.2730

Conversions

Conversions Part 2

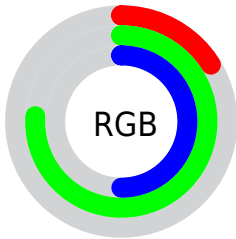
Format	Color
RYB	42, 140, 195
Decimal	2802560
CIELab	70.23, -54.06, 22.92
CIELCh	70, 58.722, 157.024
Yxy	41.0810, 0.2634, 0.4440
Android (android.graphics.Color)	4280992640 (0xFF2AC380)
YUV	141.6150, -6.7122, -87.3624
Hunter-Lab	64.0944, -44.3064, 19.8278

Details

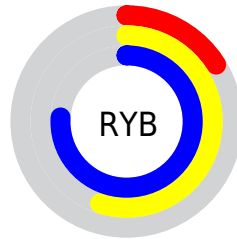
The Hex color **2AC380** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark muted spring green. A complement of this color would be **C32A6D**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **70FDB5**, and **008C4E** is the 20% darker color. If you saturate the color by 10%, you get **16C377**, and if you desaturate by 10%, it is **3DC389**.

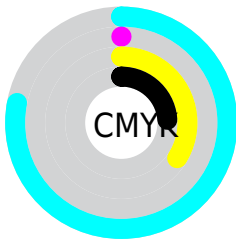
Distribution



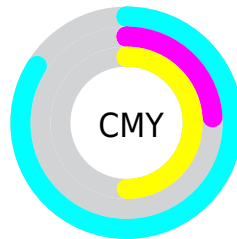
- Red (16%)
- Green (76%)
- Blue (50%)



- Red (16%)
- Yellow (55%)
- Blue (76%)



- Cyan (78%)
- Magenta (0%)
- Yellow (34%)
- Black (24%)



- Cyan (84%)
- Magenta (24%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2AC380 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 2AC380 by changing the saturation by 10% instead.

 2AC380

 2AC380

FFFFFF

 00A767

 70FDB5

 008C4E

 8FFFD1

 007237

 ADF FED

 005820

 CBFFFF

 003F0A

 E9FFFF

 002900

 000200

 000000

 2AC380

 2AC380

■ 16C377

■ 3DC389

■ 03C36F

■ 51C391

■ 00C36E

■ 64C39A

■ 78C3A2

■ 8BC3AB

■ 9FC3B3

■ B3C3BC

■ C6C3C4

■ DAC3CD

Harmonies

Analogous

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



85BB52



2AC380



00C6B7

Triad

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



2AC380



5CADFF



FF866E

Complementary

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



2AC380



C32A6D

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.



FF7CA1



2AC380



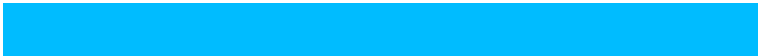
BF98FF

Square

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



2AC380



00BCFF



F784D6



EA9A48

Rectangle

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



2AC380



00C5DB



F784D6



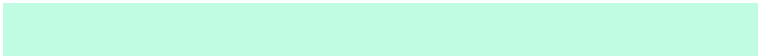
FF817E

Sweetspot

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



2AC380



C0FCE2



6FC32A



5B806F



000000



808080

Same Dimension

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



2AC380



0FFC95



2ABBC3



57615D



00A15A



002113

Inverse Universe

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



C32A6D



FC0F77



C3322A



61575B



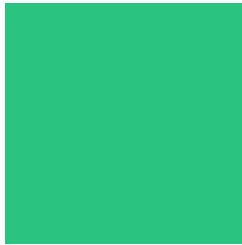
A10046



21000F

Previews

White Background



This preview shows how the Hex color 2AC380 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 2AC380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

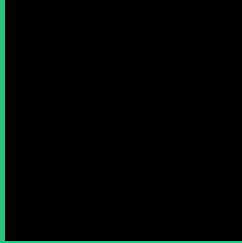
Any Text WCAG AA ✓ Pass

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 2AC380 Background



This preview shows how black text looks on a background with the Hex color 2AC380.

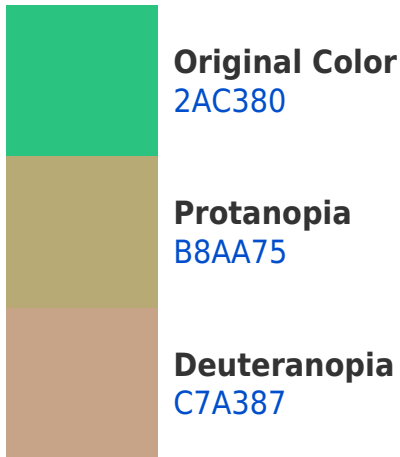


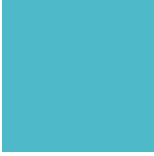
This preview shows how white text looks on a background with the Hex color 2AC380.

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
4EBAC9

Trichromacy



Original Color
2AC380



Protanomaly
84B379



Deuteranomaly
8EAF84



Tritanomaly
41BDAE

Monochromacy



Original Color
2AC380



Achromatopsia
8E8E8E



Achromatomaly
6AA189

CSS Examples

Text

The CSS property to change the color of the text to Hex 2AC380 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 #2AC380 looks like.

```
.text, #text, p{  
    color:#2AC380  
}
```

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 #2AC380 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2AC380
}
```

Border

The CSS property to change the border of an element to Hex 2AC380 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
#2AC380 }
```

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

```
.border{ border-color:#2AC380 }
```

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

Here you see how a box with a 4 pixel #2AC380 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2AC380; -webkit-box-shadow:4px 4px  
4px 4px #2AC380; box-shadow:4px 4px 4px  
4px #2AC380 }
```

Background

The CSS property to change the background color of an element to Hex 2AC380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2AC380 }
```

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

```
.background{ background-color:#2AC380 }
```

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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