

Converting Colors

Hex(2CA078)

Have a look what the booklet for
Hex(2CA078) contains.

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Color

Hex(2CA078)

Conversions

Conversions Part 1

Format	Color
Hex	2CA078
RGB	44, 160, 120
RGB Percent	17%, 63%, 47%
CMY	0.8275, 0.3725, 0.5294
CMYK	0.72, 0.00, 0.25, 0.37
HSL	159°, 57%, 40%
HSV	159°, 72%, 63%
XYZ	16.9997, 27.0332, 22.0912
YIQ	120.7560, -56.2960, -37.0320

Conversions

Conversions Part 2

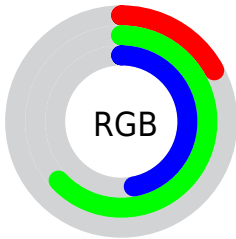
Format	Color
R_{YB}	44, 114, 160
Decimal	2924664
CIE _{Lab}	59.00, -41.59, 11.80
CIE _{LCh}	59, 43.227, 164.162
Yxy	27.0332, 0.2571, 0.4088
Android (android.graphics.Color)	4281114744 (0xFF2CA078)
YUV	120.7560, -0.3727, -67.3150
Hunter-Lab	51.9934, -32.6264, 11.2039

Details

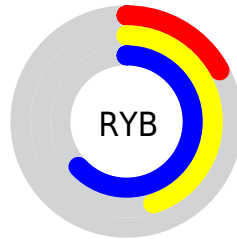
The Hex color **2CA078** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A02C54**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **6AD8AC**, and **006B47** is the 20% darker color. If you saturate the color by 10%, you get **1CA072**, and if you desaturate by 10%, it is **3CA07E**.

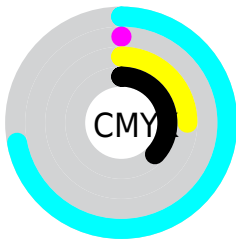
Distribution



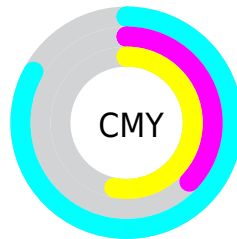
- Red (17%)
- Green (63%)
- Blue (47%)



- Red (17%)
- Yellow (45%)
- Blue (63%)



- Cyan (72%)
- Magenta (0%)
- Yellow (25%)
- Black (37%)



- Cyan (83%)
- Magenta (37%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2CA078 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 2CA078 by changing the saturation by 10% instead.



2CA078



2CA078

FFFFFF



00855F



6AD8AC



006B47



87F4C8



005231



A4FFE4



003A1C



C1FFFF



002502



DEFFFF



000000



FCFFFF



2CA078



2CA078



1CA072



3CA07E

 0CA06D

 4CA083

 00A069

 5CA089

 6CA08E

 7CA094

 8CA099

 9CA09F

 ACA0A4

 BCA0AA

Harmonies

Analogous

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



699B56



2CA078



00A19F

Triad

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



2CA078



708CD7



CE775B

Complementary

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



2CA078



A02C54

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.



D66F7D



2CA078



A87DC5

Square

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



2CA078



0098D6



CA71A4



B68544

Rectangle

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



2CA078



00A0B7



CA71A4



D27365

Sweetspot

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



2CA078



A3D1C1



55A02C



4D695F



E8E8E8



696969

Same Dimension

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



2CA078



1BD192



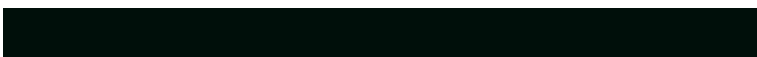
2C8FA0



474F4C



008F5E



000F0A

Inverse Universe

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



A02C54



D11B5A



A03D2C



4F474A



8F0031



0F0005

Previews

White Background



This preview shows how the Hex color 2CA078 looks on a white background.

Color Contrast Check

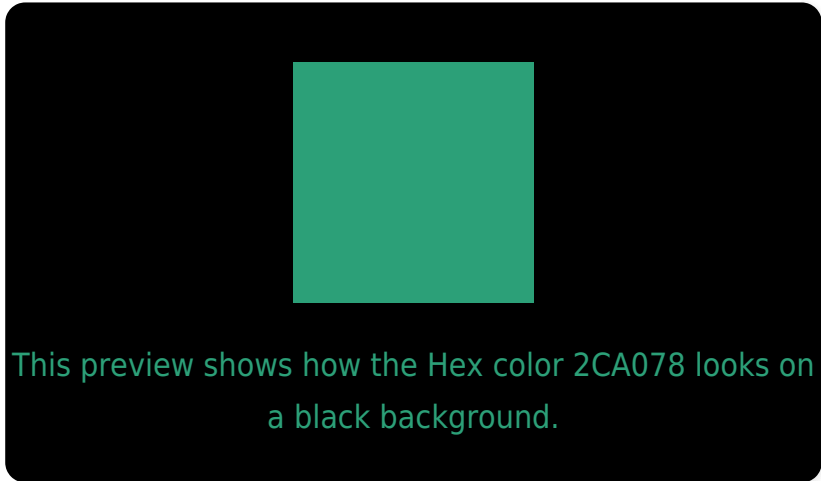
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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

Hex 2CA078 Background



This preview shows how black text looks on a background with the Hex color 2CA078.



This preview shows how white text looks on a background with the Hex color 2CA078.

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
429AA6

Trichromacy



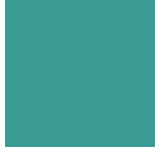
Original Color
2CA078



Protanomaly
6F9472



Deuteranomaly
76917B



Tritanomaly
3A9C95

Monochromacy



Original Color
2CA078



Achromatopsia
797979



Achromatomaly
5D8779

CSS Examples

Text

The CSS property to change the color of the text to Hex 2CA078 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 #2CA078 looks like.

```
.text, #text, p{  
    color:#2CA078  
}
```

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 #2CA078 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2CA078
}
```

Border

The CSS property to change the border of an element to Hex 2CA078 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
#2CA078 }
```

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

```
.border{ border-color:#2CA078 }
```

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

Here you see how a box with a 4 pixel #2CA078 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2CA078; -webkit-box-shadow:4px 4px  
4px 4px #2CA078; box-shadow:4px 4px 4px  
4px #2CA078 }
```

Background

The CSS property to change the background color of an element to Hex 2CA078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2CA078 }
```

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

```
.background{ background-color:#2CA078 }
```

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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