

Converting Colors

Hex(2AA298)

Have a look what the booklet for
Hex(2AA298) contains.

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Color

Hex(2AA298)

Conversions

Conversions Part 1

Format	Color
Hex	2AA298
RGB	42, 162, 152
RGB Percent	16%, 64%, 60%
CMY	0.8353, 0.3647, 0.4039
CMYK	0.74, 0.00, 0.06, 0.36
HSL	175°, 59%, 40%
HSV	175°, 74%, 64%
XYZ	19.5427, 28.5999, 34.1961
YIQ	124.9800, -68.3100, -28.5500

Conversions

Conversions Part 2

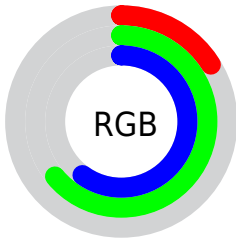
Format	Color
R_{YB}	42, 105, 162
Decimal	2794136
CIE _{Lab}	60.43, -34.32, -4.18
CIE _{LCh}	60, 34.569, 186.939
Yxy	28.5999, 0.2373, 0.3473
Android (android.graphics.Color)	4280984216 (0xFF2AA298)
YUV	124.9800, 13.3209, -72.7735
Hunter-Lab	53.4789, -28.3592, -0.4767

Details

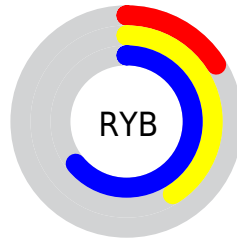
The Hex color **2AA298** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A22A34**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **6BD9CE**, and **006E65** is the 20% darker color. If you saturate the color by 10%, you get **1AA297**, and if you desaturate by 10%, it is **3AA299**.

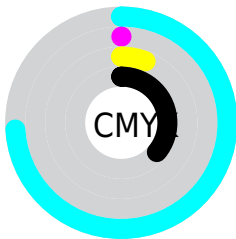
Distribution



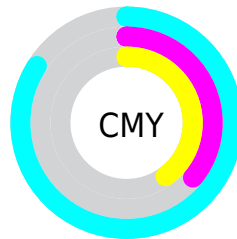
- Red (16%)
- Green (64%)
- Blue (60%)



- Red (16%)
- Yellow (41%)
- Blue (64%)



- Cyan (74%)
- Magenta (0%)
- Yellow (6%)
- Black (36%)



- Cyan (84%)
- Magenta (36%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2AA298 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 2AA298 by changing the saturation by 10% instead.

 2AA298

 2AA298

FFFFFF

 00877E

 6BD9CE

 006E65

 88F6EA

 00554D

 A6FFFF

 003D37

 C3FFFF

 002721

 E1FFFF

 00030C

 000000

 2AA298

 2AA298

 1AA297

 3AA299

0AA295

4AA29B

00A295

5BA29C

6BA29D

7BA29F

8BA2A0

9BA2A1

ACA2A3

BCA2A4

Harmonies

Analogous

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



58A079



2AA298



00A1B5

Triad

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



2AA298



9E87C2



B9885A

Complementary

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



2AA298



A22A34

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.



CA7E6F



2AA298



BE7DAA

Square

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



2AA298



7192CE



CC7A8C



9F9254

Rectangle

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



2AA298



239DC4



CC7A8C



C08460

Sweetspot

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



2AA298



A5D4D0



34A22A



4F6B69



EBEBEB



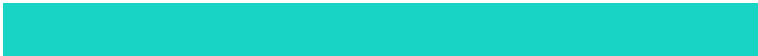
6B6B6B

Same Dimension

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



2AA298



17D4C4



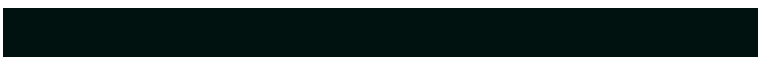
2A70A2



495251



009185



001210

Inverse Universe

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



A22A34



D41727



A25C2A



52494A



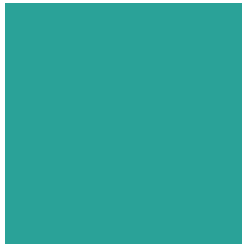
91000C



120001

Previews

White Background



This preview shows how the Hex color 2AA298 looks on a white background.

Color Contrast Check

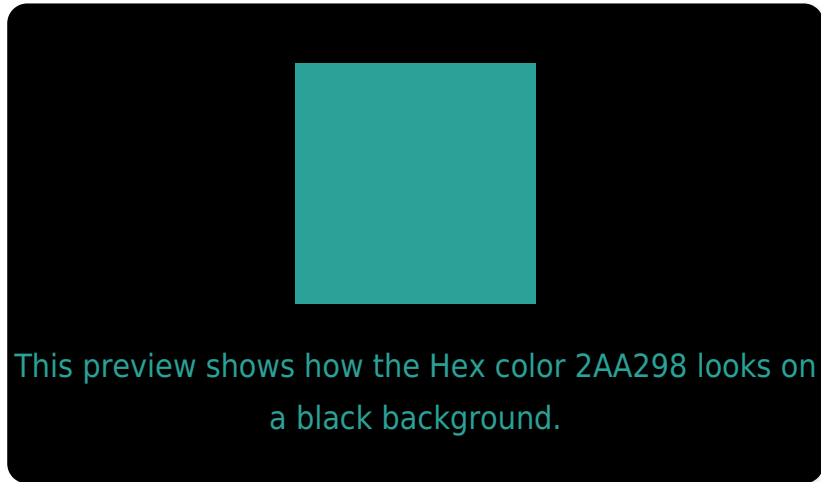
Large Text (above 18pt) WCAG AA ✓ Pass

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

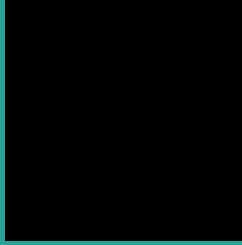
Any Text WCAG AA ✓ Pass

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 2AA298 Background



This preview shows how black text looks on a background with the Hex color 2AA298.

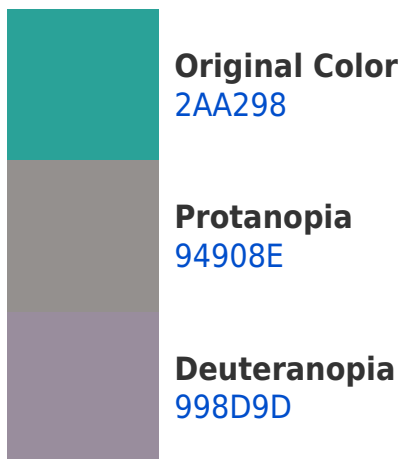


This preview shows how white text looks on a background with the Hex color 2AA298.

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



Trichromacy



Original Color
2AA298



Protanomaly
6D9792



Deuteranomaly
71959B



Tritanomaly
32A0A5

Monochromacy



Original Color
2AA298



Achromatopsia
7D7D7D



Achromatomaly
5F8A87

CSS Examples

Text

The CSS property to change the color of the text to Hex 2AA298 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 #2AA298 looks like.

```
.text, #text, p{  
    color:#2AA298  
}
```

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 #2AA298 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2AA298
}
```

Border

The CSS property to change the border of an element to Hex 2AA298 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
#2AA298 }
```

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

```
.border{ border-color:#2AA298 }
```

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

Here you see how a box with a 4 pixel #2AA298 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2AA298; -webkit-box-shadow:4px 4px  
4px 4px #2AA298; box-shadow:4px 4px 4px  
4px #2AA298 }
```

Background

The CSS property to change the background color of an element to Hex 2AA298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2AA298 }
```

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

```
.background{ background-color:#2AA298 }
```

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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