

Converting Colors

Hex(2DA88F)

Have a look what the booklet for
Hex(2DA88F) contains.

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Color

Hex(2DA88F)

Conversions

Conversions Part 1

Format	Color
Hex	2DA88F
RGB	45, 168, 143
RGB Percent	18%, 66%, 56%
CMY	0.8235, 0.3412, 0.4392
CMYK	0.73, 0.00, 0.15, 0.34
HSL	168°, 58%, 42%
HSV	168°, 73%, 66%
XYZ	20.0427, 30.5463, 30.8263
YIQ	128.3730, -65.2830, -33.8510

Conversions

Conversions Part 2

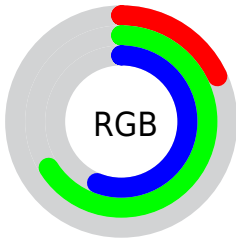
Format	Color
RYB	45, 113, 168
Decimal	2992271
CIELab	62.12, -39.13, 3.37
CIElCh	62, 39.274, 175.080
Yxy	30.5463, 0.2462, 0.3752
Android (android.graphics.Color)	4281182351 (0xFF2DA88F)
YUV	128.3730, 7.2111, -73.1181
Hunter-Lab	55.2687, -31.9887, 5.6190

Details

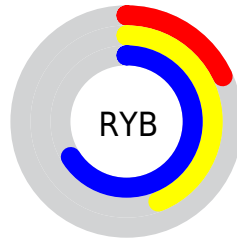
The Hex color **2DA88F** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A82D46**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **6DE0C5**, and **00735D** is the 20% darker color. If you saturate the color by 10%, you get **1CA88C**, and if you desaturate by 10%, it is **3EA892**.

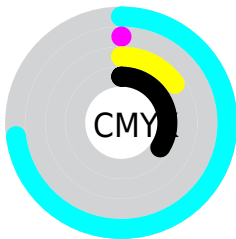
Distribution



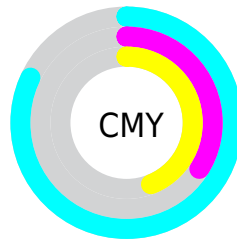
- Red (18%)
- Green (66%)
- Blue (56%)



- Red (18%)
- Yellow (44%)
- Blue (66%)



- Cyan (73%)
- Magenta (0%)
- Yellow (15%)
- Black (34%)



- Cyan (82%)
- Magenta (34%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2DA88F 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 2DA88F by changing the saturation by 10% instead.

 2DA88F

 2DA88F


FFFFFF

 008D75


 6DE0C5

 00735D

 8BFDE1

 005A45

 A8FFFD

 00412F

 C5FFFF

 002B1A

 E3FFFF

 000E00

 000000

 2DA88F

 2DA88F

 1CA88C

 3EA892

 0BA888

 4FA896

 00A886

 5FA899

 70A89D

 81A8A0

 92A8A3

 A3A8A7

 B3A8AA

 C4A8AE

Harmonies

Analogous

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



65A46D



2DA88F



00A8B2

Triad

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



2DA88F



918FD5



CB865E

Complementary

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



2DA88F



A82D46

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.



D97C7A



2DA88F



BC82BE

Square

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



2DA88F



539BDB



D47B9D



B19250

Rectangle

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



2DA88F



00A6C6



D47B9D



D18266

Sweetspot

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



2DA88F



ABDBD1



48A82D



516E68



EDEDED



6E6E6E

Same Dimension

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



2DA88F



1ADBB4



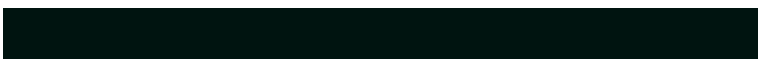
2D85A8



4C5452



009476



001410

Inverse Universe

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



A82D46



DB1A42



A8502D



544C4D



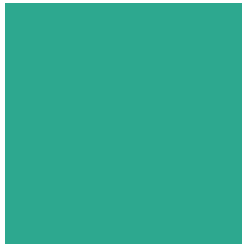
94001E



140004

Previews

White Background



This preview shows how the Hex color 2DA88F looks on a white background.

Color Contrast Check

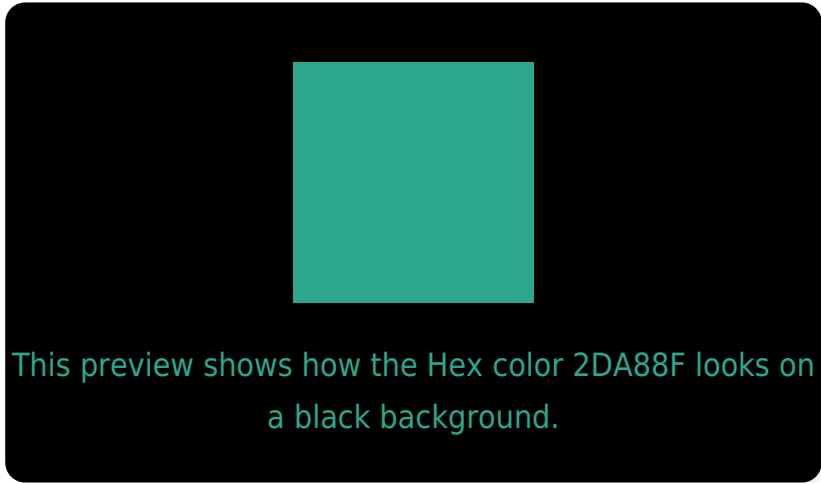
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

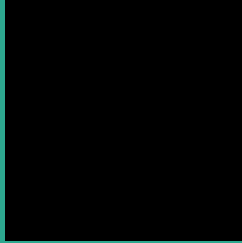
Any Text WCAG AA ✓ Pass

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 2DA88F Background



This preview shows how black text looks on a background with the Hex color 2DA88F.

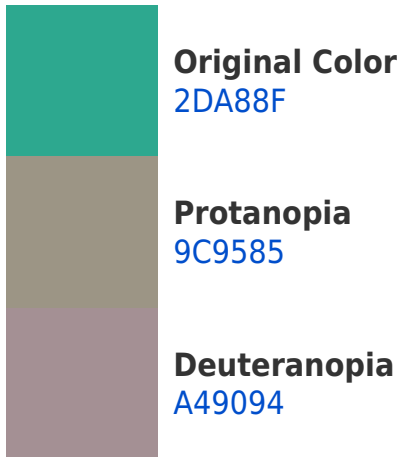


This preview shows how white text looks on a background with the Hex color 2DA88F.

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
3FA3B1

Trichromacy



Original Color
2DA88F



Protanomaly
749C89



Deuteranomaly
799992



Tritanomaly
38A5A5

Monochromacy



Original Color
2DA88F



Achromatopsia
808080



Achromatomaly
628F85

CSS Examples

Text

The CSS property to change the color of the text to Hex 2DA88F 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 #2DA88F looks like.

```
.text, #text, p{  
    color:#2DA88F  
}
```

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 #2DA88F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2DA88F  
}
```

Border

The CSS property to change the border of an element to Hex 2DA88F 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  
#2DA88F }
```

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

```
.border{ border-color:#2DA88F }
```

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

Here you see how a box with a 4 pixel #2DA88F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2DA88F; -webkit-box-shadow:4px 4px  
4px 4px #2DA88F; box-shadow:4px 4px 4px  
4px #2DA88F }
```

Background

The CSS property to change the background color of an element to Hex 2DA88F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2DA88F }
```

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

```
.background{ background-color:#2DA88F }
```

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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