

Converting Colors

Hex(29DAA6)

Have a look what the booklet for
Hex(29DAA6) contains.

Hex(29DAA6)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(29DAA6)

Conversions

Conversions Part 1

Format	Color
Hex	29DAA6
RGB	41, 218, 166
RGB Percent	16%, 85%, 65%
CMY	0.8392, 0.1451, 0.3490
CMYK	0.81, 0.00, 0.24, 0.15
HSL	162°, 71%, 51%
HSV	162°, 81%, 85%
XYZ	32.8688, 53.3674, 44.6450
YIQ	159.1490, -88.8000, -53.6960

Conversions

Conversions Part 2

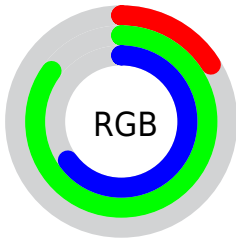
Format	Color
RYB	41, 145, 218
Decimal	2742950
CIELab	78.09, -54.61, 13.64
CIELCh	78, 56.290, 165.972
Yxy	53.3674, 0.2511, 0.4078
Android (android.graphics.Color)	4280933030 (0xFF29DAA6)
YUV	159.1490, 3.3775, -103.6167
Hunter-Lab	73.0530, -47.5301, 14.9031

Details

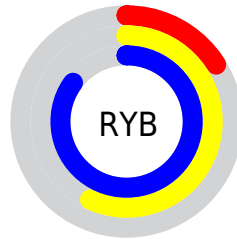
The Hex color **29DAA6** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **DA295D**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **76FFDD**, and **00A272** is the 20% darker color. If you saturate the color by 10%, you get **13DAA0**, and if you desaturate by 10%, it is **3FDAAC**.

Distribution



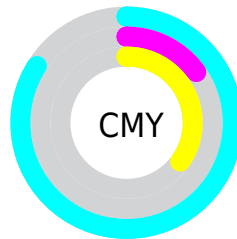
- Red (16%)
- Green (85%)
- Blue (65%)



- Red (16%)
- Yellow (57%)
- Blue (85%)



- Cyan (81%)
- Magenta (0%)
- Yellow (24%)
- Black (15%)



- Cyan (84%)
- Magenta (15%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 29DAA6 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 29DAA6 by changing the saturation by 10% instead.

 29DAA6

 29DAA6

FFFFFF

 00BE8C

 76FFDD

 00A272

 95FFFA

 008759

 B5FFFF

 006C42

 D3FFFF

 00532C

 F2FFFF

 003A17

 002300

 000000

 29DAA6

 29DAA6

 13DAA0

 3FDAAC

 00DA9A

 55DAB3

 6ADAB9

 80DAC0

 96DAC6

 ACDACC

 C2DAD3

 D7DAD9

 EDDAE0

Harmonies

Analogous

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



8AD376



29DAA6



00DCDC

Triad

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



29DAA6



9CBDFE



FFA278

Complementary

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



29DAA6



DA295D

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.



FF96A7



29DAA6



E9A8FF

Square

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



29DAA6



00CEFF



FF98DC



F5B65A

Rectangle

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



29DAA6



00DAFD



FF98DC



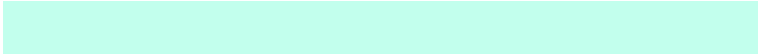
FF9D86

Sweetspot

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



29DAA6



C2FFED



5EDA29



5B8075



000000



808080

Same Dimension

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



29DAA6



08FFB6



29B7DA



636E6A



00AD7A



002E20

Inverse Universe

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



DA295D



FF0850



DA4C29



6E6366



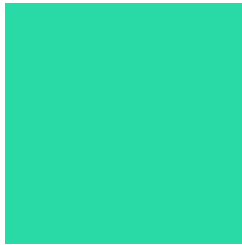
AD0033



2E000D

Previews

White Background



This preview shows how the Hex color 29DAA6 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 29DAA6 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

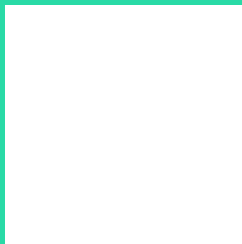
Any Text WCAG AAA ✓ Pass

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

Hex 29DAA6 Background



This preview shows how black text looks on a background with the Hex color 29DAA6.

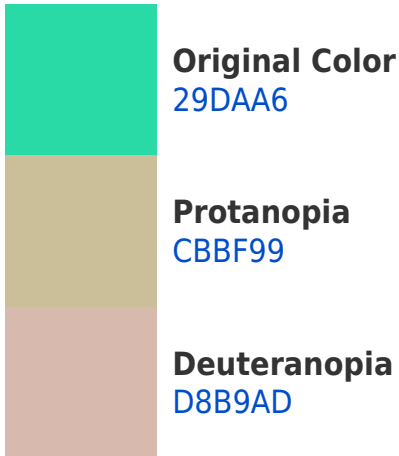


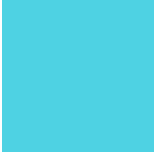
This preview shows how white text looks on a background with the Hex color 29DAA6.

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
4ED2E3

Trichromacy



Original Color
29DAA6



Protanomaly
90C99E



Deuteranomaly
98C5AA



Tritanomaly
41D5CD

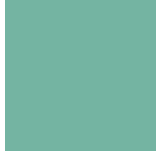
Monochromacy



Original Color
29DAA6



Achromatopsia
9F9F9F



Achromatomaly
74B4A2

CSS Examples

Text

The CSS property to change the color of the text to Hex 29DAA6 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 #29DAA6 looks like.

```
.text, #text, p{  
    color:#29DAA6  
}
```

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 #29DAA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #29DAA6
}
```

Border

The CSS property to change the border of an element to Hex 29DAA6 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
#29DAA6 }
```

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

```
.border{ border-color:#29DAA6 }
```

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

Here you see how a box with a 4 pixel #29DAA6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #29DAA6; -webkit-box-shadow:4px 4px  
4px 4px #29DAA6; box-shadow:4px 4px 4px  
4px #29DAA6 }
```

Background

The CSS property to change the background color of an element to Hex 29DAA6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#29DAA6 }
```

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

```
.background{ background-color:#29DAA6 }
```

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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