

Converting Colors

Hex(29A895)

Have a look what the booklet for
Hex(29A895) contains.

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Color

Hex(29A895)

Conversions

Conversions Part 1

Format	Color
Hex	29A895
RGB	41, 168, 149
RGB Percent	16%, 66%, 58%
CMY	0.8392, 0.3412, 0.4157
CMYK	0.76, 0.00, 0.11, 0.34
HSL	171°, 61%, 41%
HSV	171°, 76%, 66%
XYZ	20.3419, 30.6466, 33.2770
YIQ	127.8610, -69.5930, -32.8330

Conversions

Conversions Part 2

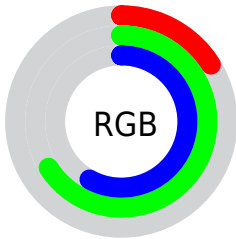
Format	Color
RYB	41, 110, 168
Decimal	2730133
CIELab	62.21, -38.02, 0.12
CIELCh	62, 38.024, 179.813
Yxy	30.6466, 0.2414, 0.3637
Android (android.graphics.Color)	4280920213 (0xFF29A895)
YUV	127.8610, 10.4215, -76.1771
Hunter-Lab	55.3594, -31.2888, 3.1118

Details

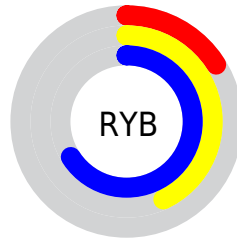
The Hex color **29A895** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A8293C**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **6BE0CB**, and **007362** is the 20% darker color. If you saturate the color by 10%, you get **18A892**, and if you desaturate by 10%, it is **3AA898**.

Distribution



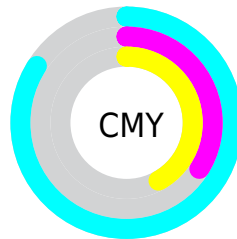
- Red (16%)
- Green (66%)
- Blue (58%)



- Red (16%)
- Yellow (43%)
- Blue (66%)



- Cyan (76%)
- Magenta (0%)
- Yellow (11%)
- Black (34%)



- Cyan (84%)
- Magenta (34%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 29A895 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 29A895 by changing the saturation by 10% instead.

 29A895

 29A895

FFFFFF

 008D7B

 6BE0CB

 007362

 89FDE7

 005A4B

 A6FFFF

 004134

 C4FFFF

 002B1F

 E2FFFF

 000F07

 000000

 29A895

 29A895

 18A892

 3AA898

07A890

4BA89A

00A88F

5BA89D

6CA89F

7DA8A2

8EA8A4

9FA8A7

AFA8A9

C0A8AC

Harmonies

Analogous

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



60A573



29A895



00A7B7

Triad

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



29A895



998ED1



C7885D

Complementary

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



29A895



A8293C

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.



D67E77



29A895



C082B9

Square

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



29A895



629AD9



D57C98



AC9452

Rectangle

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



29A895



00A5C9



D57C98



CE8564

Sweetspot

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



29A895



A9DBD4



3CA829



4F6E69



EDEDED



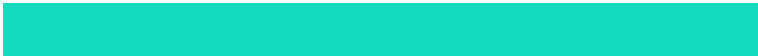
6E6E6E

Same Dimension

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



29A895



14DBBD



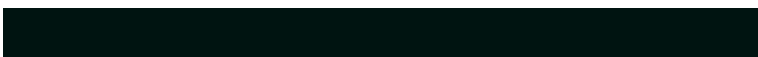
297CA8



4C5453



00947E



001411

Inverse Universe

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



A8293C



DB1432



A85529



544C4D



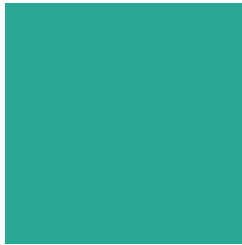
940016



140003

Previews

White Background



This preview shows how the Hex color 29A895 looks on a white background.

Color Contrast Check

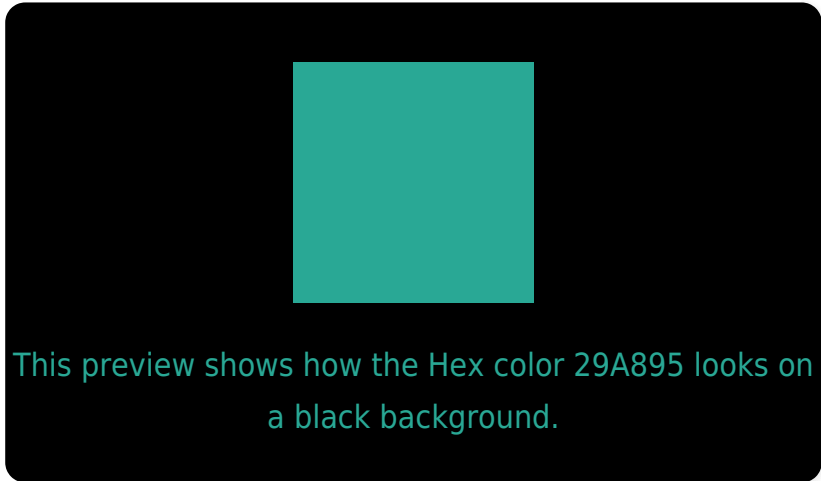
Large Text (above 18pt) WCAG AA × Fail

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

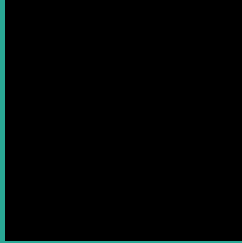
Any Text WCAG AA ✓ Pass

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 29A895 Background



This preview shows how black text looks on a background with the Hex color 29A895.

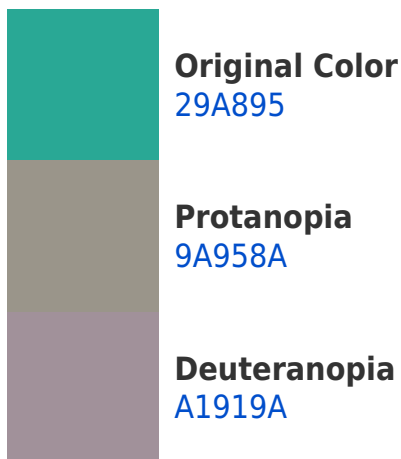


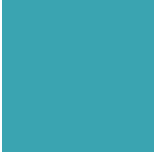
This preview shows how white text looks on a background with the Hex color 29A895.

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
3AA4B1

Trichromacy



Original Color
29A895



Protanomaly
719C8E



Deuteranomaly
759998



Tritanomaly
34A5A7

Monochromacy



Original Color
29A895



Achromatopsia
808080



Achromatomaly
608F88

CSS Examples

Text

The CSS property to change the color of the text to Hex 29A895 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 #29A895 looks like.

```
.text, #text, p{  
    color:#29A895  
}
```

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 #29A895 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #29A895  
}
```

Border

The CSS property to change the border of an element to Hex 29A895 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  
#29A895 }
```

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

```
.border{ border-color:#29A895 }
```

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

Here you see how a box with a 4 pixel #29A895 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #29A895; -webkit-box-shadow:4px 4px  
4px 4px #29A895; box-shadow:4px 4px 4px  
4px #29A895 }
```

Background

The CSS property to change the background color of an element to Hex 29A895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#29A895 }
```

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

```
.background{ background-color:#29A895 }
```

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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