

Converting Colors

Hex(29A995)

Have a look what the booklet for
Hex(29A995) contains.

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Color

Hex(29A995)

Conversions

Conversions Part 1

Format	Color
Hex	29A995
RGB	41, 169, 149
RGB Percent	16%, 66%, 58%
CMY	0.8392, 0.3373, 0.4157
CMYK	0.76, 0.00, 0.12, 0.34
HSL	171°, 61%, 41%
HSV	171°, 76%, 66%
XYZ	20.5272, 31.0173, 33.3388
YIQ	128.4480, -69.8680, -33.3560

Conversions

Conversions Part 2

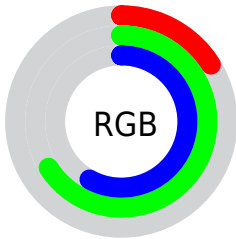
Format	Color
RYB	41, 110, 169
Decimal	2730389
CIELab	62.52, -38.47, 0.58
CIELCh	63, 38.476, 179.133
Yxy	31.0173, 0.2418, 0.3654
Android (android.graphics.Color)	4280920469 (0xFF29A995)
YUV	128.4480, 10.1321, -76.6919
Hunter-Lab	55.6932, -31.6720, 3.4933

Details

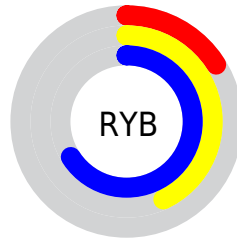
The Hex color **29A995** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A9293D**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **6BE1CB**, and **007462** is the 20% darker color. If you saturate the color by 10%, you get **18A992**, and if you desaturate by 10%, it is **3AA998**.

Distribution



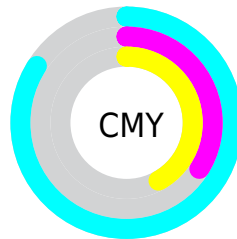
- Red (16%)
- Green (66%)
- Blue (58%)



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



- Cyan (76%)
- Magenta (0%)
- Yellow (12%)
- Black (34%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 29A995 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 29A995 by changing the saturation by 10% instead.

 29A995

 29A995

FFFFFF

 008E7B

 6BE1CB

 007462

 89FEE7

 005B4B

 A6FFFF

 004234

 C4FFFF

 002C1F

 E2FFFF

 001007

 000000

 29A995

 29A995

 18A992

 3AA998

07A990

4BA99A

00A98F

5CA99D

6DA9A0

7DA9A2

8EA9A5

9FA9A7

B0A9AA

C1A9AD

Harmonies

Analogous

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



61A673



29A995



00A8B7

Triad

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



29A995



998FD3



C9895D

Complementary

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



29A995



A9293D

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.



D87F78



29A995



C183BB

Square

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



29A995



609BDB



D67C9A



AE9552

Rectangle

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



29A995



00A6CA



D67C9A



CF8565

Sweetspot

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



29A995



A9DBD3



3EA929



4F6E69



EDEDED



6E6E6E

Same Dimension

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



29A995



14DBBC



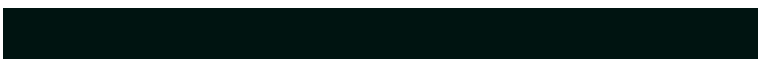
297EA9



4C5453



00947D



001411

Inverse Universe

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



A9293D



DB1433



A95429



544C4D



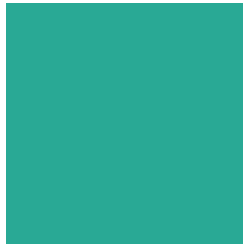
940017



140003

Previews

White Background



This preview shows how the Hex color 29A995 looks on a white background.

Color Contrast Check

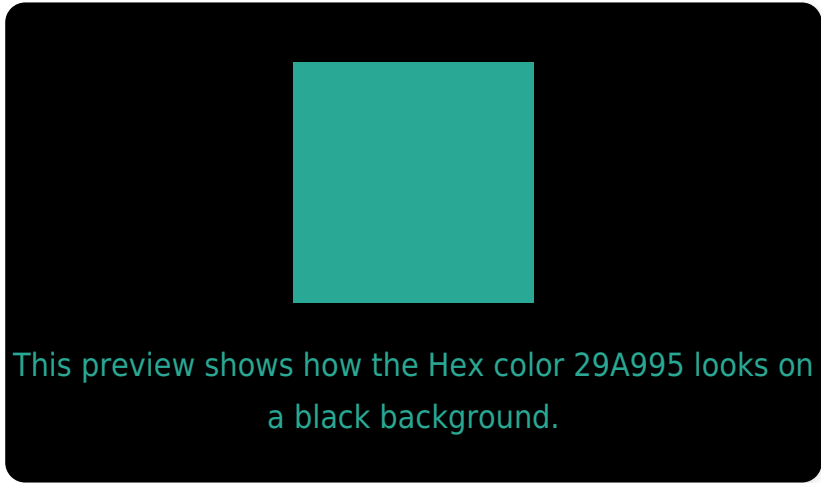
Large Text (above 18pt) WCAG AA × Fail

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

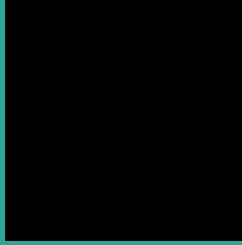
Any Text WCAG AA ✓ Pass

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 29A995 Background



This preview shows how black text looks on a background with the Hex color 29A995.

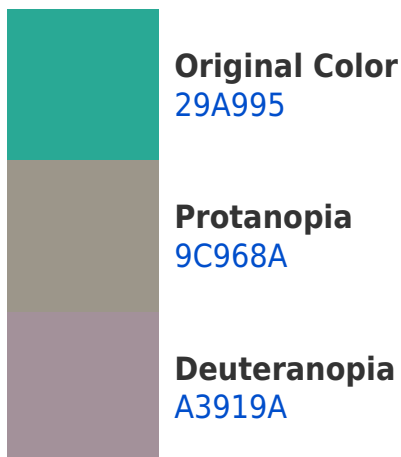


This preview shows how white text looks on a background with the Hex color 29A995.

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
3BA5B2

Trichromacy



Original Color
29A995



Protanomaly
729D8E



Deuteranomaly
779A98



Tritanomaly
34A6A7

Monochromacy



Original Color
29A995



Achromatopsia
808080



Achromatomaly
608F88

CSS Examples

Text

The CSS property to change the color of the text to Hex 29A995 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 #29A995 looks like.

```
.text, #text, p{  
    color:#29A995  
}
```

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 #29A995 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #29A995
}
```

Border

The CSS property to change the border of an element to Hex 29A995 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
#29A995 }
```

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

```
.border{ border-color:#29A995 }
```

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

Here you see how a box with a 4 pixel #29A995 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #29A995; -webkit-box-shadow:4px 4px  
4px 4px #29A995; box-shadow:4px 4px 4px  
4px #29A995 }
```

Background

The CSS property to change the background color of an element to Hex 29A995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#29A995 }
```

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

```
.background{ background-color:#29A995 }
```

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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