

Converting Colors

Hex(30A9A4)

Have a look what the booklet for
Hex(30A9A4) contains.

Hex(30A9A4)	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(30A9A4)

Conversions

Conversions Part 1

Format	Color
Hex	30A9A4
RGB	48, 169, 164
RGB Percent	19%, 66%, 64%
CMY	0.8118, 0.3373, 0.3569
CMYK	0.72, 0.00, 0.03, 0.34
HSL	178°, 56%, 43%
HSV	178°, 72%, 66%
XYZ	22.1077, 31.6846, 40.0725
YIQ	132.2510, -70.5110, -27.2070

Conversions

Conversions Part 2

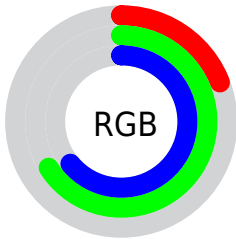
Format	Color
RYB	48, 110, 169
Decimal	3189156
CIELab	63.08, -33.37, -6.98
CIElCh	63, 34.095, 191.812
Yxy	31.6846, 0.2355, 0.3376
Android (android.graphics.Color)	4281379236 (0xFF30A9A4)
YUV	132.2510, 15.6523, -73.8881
Hunter-Lab	56.2891, -28.3995, -2.8065

Details

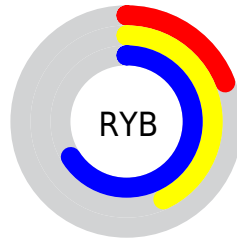
The Hex color **30A9A4** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A93035**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **71E1DB**, and **007470** is the 20% darker color. If you saturate the color by 10%, you get **1FA9A3**, and if you desaturate by 10%, it is **41A9A5**.

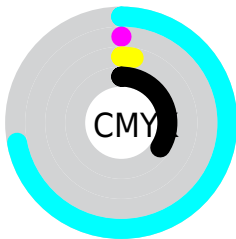
Distribution



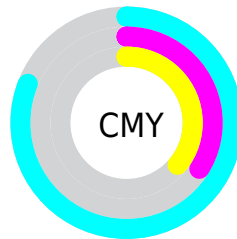
- Red (19%)
- Green (66%)
- Blue (64%)



- Red (19%)
- Yellow (43%)
- Blue (66%)



- Cyan (72%)
- Magenta (0%)
- Yellow (3%)
- Black (34%)



- Cyan (81%)
- Magenta (34%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 30A9A4 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 30A9A4 by changing the saturation by 10% instead.

■ 30A9A4

■ 30A9A4

FFFFFF

■ 008E8A

■ 71E1DB

■ 007470

■ 8EFEF7

■ 005B58

■ ACFFFF

■ 004341

■ C9FFFF

■ 002C2B

■ E7FFFF

■ 001417

■ 000000

■ 30A9A4

■ 30A9A4

■ 1FA9A3

■ 41A9A5

0EA9A3

52A9A5

00A9A2

63A9A6

74A9A7

84A9A7

95A9A8

A6A9A9

B7A9AA

C8A9AA

Harmonies

Analogous

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



5AA885



30A9A4



1EA7C0

Triad

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



30A9A4



AC8CC6



BD905F

Complementary

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



30A9A4



A93035

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.



CF8772



30A9A4



C884AC

Square

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



30A9A4



8198D4



D4818E



A19B5C

Rectangle

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



30A9A4



3BA3CD



D4818E



C48D64

Sweetspot

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



30A9A4



ADD9D9



36A930



526E6D



EDEDED



6E6E6E

Same Dimension

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



30A9A4



1FDBD4



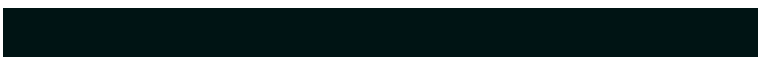
3073A9



4C5454



00948E



001414

Inverse Universe

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



A93035



DB1F26



A96630



544C4C



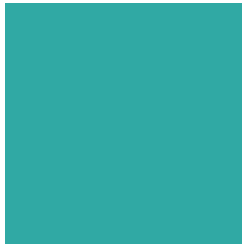
940006



140001

Previews

White Background



This preview shows how the Hex color 30A9A4 looks on a white background.

Color Contrast Check

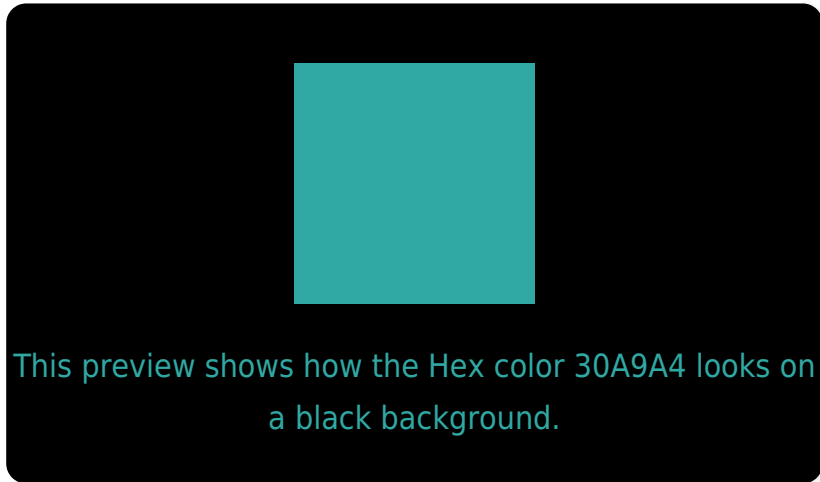
Large Text (above 18pt) WCAG AA × Fail

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

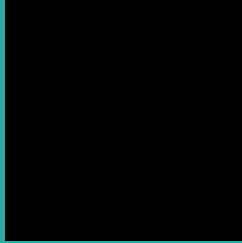
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

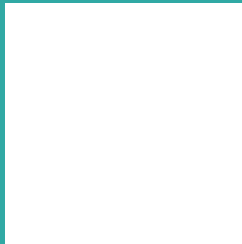
Any Text WCAG AAA ✓ Pass

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

Hex 30A9A4 Background



This preview shows how black text looks on a background with the Hex color 30A9A4.

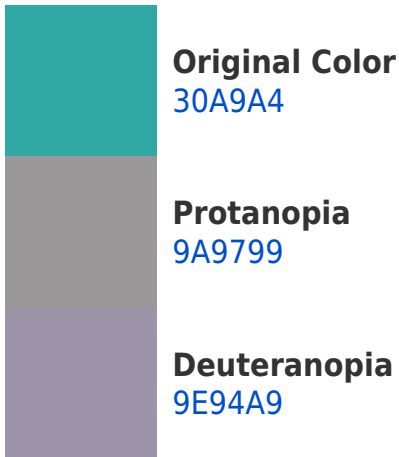


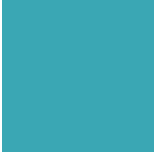
This preview shows how white text looks on a background with the Hex color 30A9A4.

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
3AA7B4

Trichromacy



Original Color
30A9A4



Protanomaly
739E9D



Deuteranomaly
769CA7



Tritanomaly
36A8AE

Monochromacy



Original Color
30A9A4



Achromatopsia
848484



Achromatomaly
659190

CSS Examples

Text

The CSS property to change the color of the text to Hex 30A9A4 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 #30A9A4 looks like.

```
.text, #text, p{  
    color:#30A9A4  
}
```

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 #30A9A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30A9A4
}
```

Border

The CSS property to change the border of an element to Hex 30A9A4 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
#30A9A4 }
```

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

```
.border{ border-color:#30A9A4 }
```

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

Here you see how a box with a 4 pixel #30A9A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30A9A4; -webkit-box-shadow:4px 4px  
4px 4px #30A9A4; box-shadow:4px 4px 4px  
4px #30A9A4 }
```

Background

The CSS property to change the background color of an element to Hex 30A9A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30A9A4 }
```

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

```
.background{ background-color:#30A9A4 }
```

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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