

Converting Colors

Hex(30A9B4)

Have a look what the booklet for
Hex(30A9B4) contains.

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Color

Hex(30A9B4)

Conversions

Conversions Part 1

Format	Color
Hex	30A9B4
RGB	48, 169, 180
RGB Percent	19%, 66%, 71%
CMY	0.8118, 0.3373, 0.2941
CMYK	0.73, 0.06, 0.00, 0.29
HSL	185°, 58%, 45%
HSV	185°, 73%, 71%
XYZ	23.6451, 32.2996, 48.1682
YIQ	134.0750, -75.6470, -22.2310

Conversions

Conversions Part 2

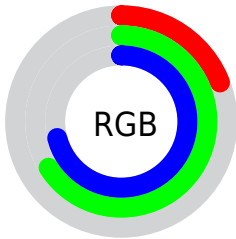
Format	Color
RYB	48, 111, 180
Decimal	3189172
CIELab	63.59, -28.60, -15.17
CIElCh	64, 32.369, 207.945
Yxy	32.2996, 0.2271, 0.3102
Android (android.graphics.Color)	4281379252 (0xFF30A9B4)
YUV	134.0750, 22.6410, -75.4878
Hunter-Lab	56.8327, -25.1928, -10.4680

Details

The Hex color **30A9B4** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **B43B30**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **72E1EC**, and **00747F** is the 20% darker color. If you saturate the color by 10%, you get **1EA8B4**, and if you desaturate by 10%, it is **42ABB4**.

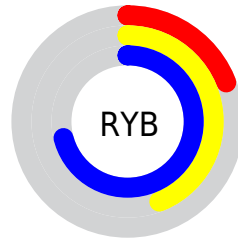
Distribution



Red (19%)

Green (66%)

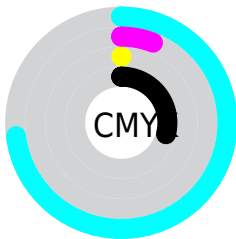
Blue (71%)



Red (19%)

Yellow (44%)

Blue (71%)

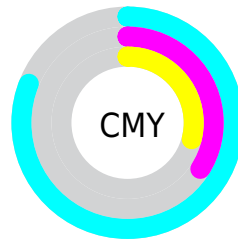


Cyan (73%)

Magenta (6%)

Yellow (0%)

Black (29%)



Cyan (81%)

Magenta (34%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 30A9B4 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 30A9B4 by changing the saturation by 10% instead.

 30A9B4

 30A9B4

FFFFFF

 008E99

 72E1EC

 00747F

 90FDFD

 005B66

 AEFFFF

 00434E

 CCFFFF

 002C37

 EAFFFF

 001622

 00000A

 000000

 30A9B4

 30A9B4

■ 1EA8B4

■ 42ABB4

■ 0CA6B4

■ 54ACB4

■ 00A5B4

■ 66AEB4

■ 78AFB4

■ 8AB1B4

■ 9CB2B4

■ AEB4B4

■ C0B5B4

■ D2B7B4

Harmonies

Analogous

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



4CA997



30A9B4



41A5CA

Triad

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



30A9B4



BD89B9



AF9860

Complementary

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



30A9B4



B43B30

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.



C68E6A



30A9B4



CF849D

Square

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



30A9B4



9B93CD



D28680



91A066

Rectangle

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



30A9B4



5FA0D2



D28680



B89462

Sweetspot

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



30A9B4



B7E6EB



30B43B



577375



F5F5F5



757575

Same Dimension

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



30A9B4



1CD9EB



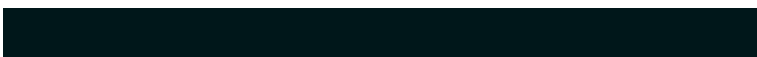
3067B4



505959



008C99



00171A

Inverse Universe

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



B430A9



EB1CD9



B47D30



595059



99008C



1A0017

Previews

White Background



This preview shows how the Hex color 30A9B4 looks on a white background.

Color Contrast Check

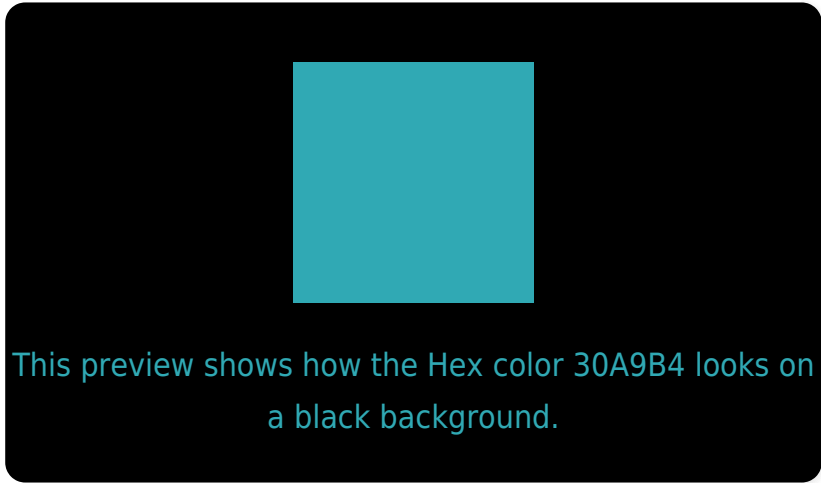
Large Text (above 18pt) WCAG AA × Fail

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

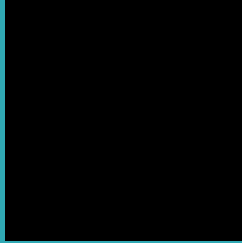
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

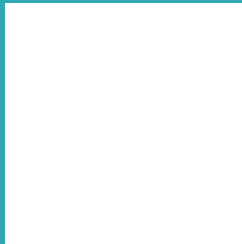
Any Text WCAG AAA ✓ Pass

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

Hex 30A9B4 Background



This preview shows how black text looks on a background with the Hex color 30A9B4.

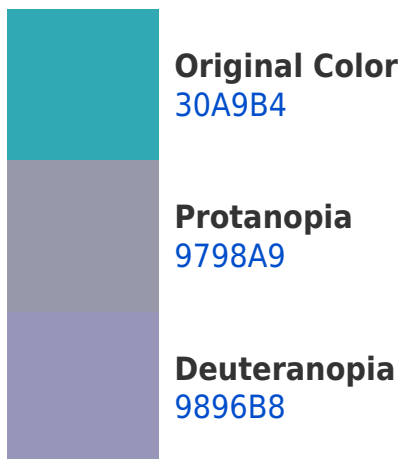


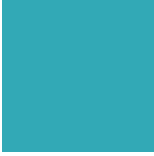
This preview shows how white text looks on a background with the Hex color 30A9B4.

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](#).

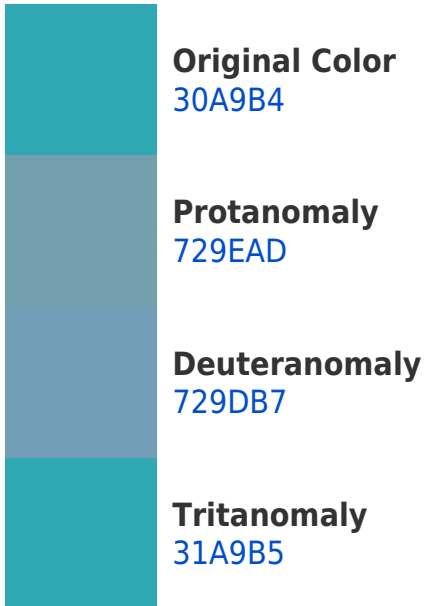
Dichromacy



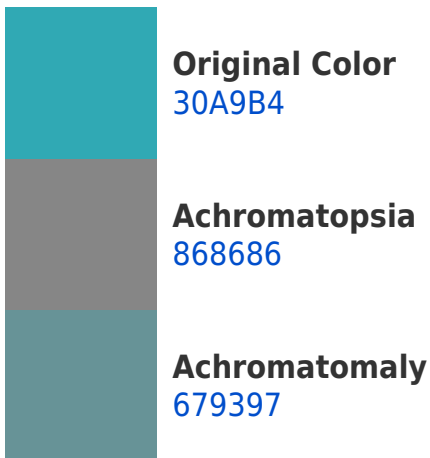


Tritanopia
32A9B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 30A9B4 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 #30A9B4 looks like.

```
.text, #text, p{  
    color:#30A9B4  
}
```

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 #30A9B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30A9B4
}
```

Border

The CSS property to change the border of an element to Hex 30A9B4 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
#30A9B4 }
```

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

```
.border{ border-color:#30A9B4 }
```

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

Here you see how a box with a 4 pixel #30A9B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30A9B4; -webkit-box-shadow:4px 4px  
4px 4px #30A9B4; box-shadow:4px 4px 4px  
4px #30A9B4 }
```

Background

The CSS property to change the background color of an element to Hex 30A9B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30A9B4 }
```

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

```
.background{ background-color:#30A9B4 }
```

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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