

# Converting Colors

Hex(32A8A4)

Have a look what the booklet for  
Hex(32A8A4) contains.

<b>Hex(32A8A4)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(32A8A4)

# Conversions

## Conversions Part 1

Format	Color
Hex	32A8A4
RGB	50, 168, 164
RGB Percent	20%, 66%, 64%
CMY	0.8039, 0.3412, 0.3569
CMYK	0.70, 0.00, 0.02, 0.34
HSL	178°, 54%, 43%
HSV	178°, 70%, 66%
XYZ	22.0189, 31.3637, 40.0152
YIQ	132.2620, -69.0440, -26.2600

# Conversions

## Conversions Part 2

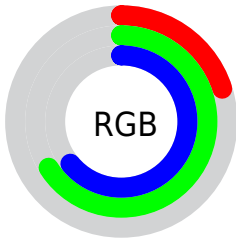
Format	Color
<a href="#">RYB</a>	<a href="#">50, 110, 168</a>
Decimal	<a href="#">3319972</a>
CIELab	<a href="#">62.81, -32.63, -7.37</a>
CIELCh	<a href="#">63, 33.453, 192.732</a>
Yxy	<a href="#">31.3637, 0.2358, 0.3358</a>
Android (android.graphics.Color)	<a href="#">4281510052 (0xFF32A8A4)</a>
YUV	<a href="#">132.2620, 15.6468, -72.1438</a>
Hunter-Lab	<a href="#">56.0033, -27.8248, -3.1613</a>

# Details

The Hex color **32A8A4** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A83236**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **72E0DB**, and **007370** is the 20% darker color. If you saturate the color by 10%, you get **21A8A3**, and if you desaturate by 10%, it is **43A8A5**.

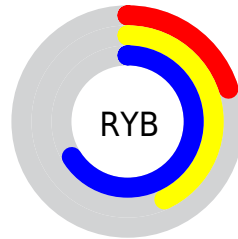
# Distribution



Red (20%)

Green (66%)

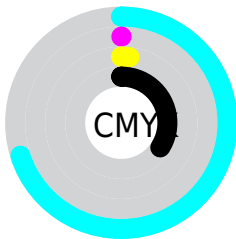
Blue (64%)



Red (20%)

Yellow (43%)

Blue (66%)

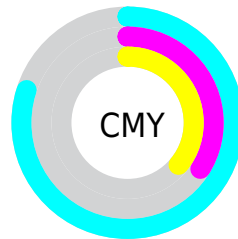


Cyan (70%)

Magenta (0%)

Yellow (2%)

Black (34%)



Cyan (80%)

Magenta (34%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 32A8A4 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 32A8A4 by changing the saturation by 10% instead.





32A8A4



32A8A4

FFFFFF



008D8A



72E0DB



007370



8FFDF7



005A58



ADFFFF



004241



CAFFFF



002B2B



E8FFFF



001217



000000



32A8A4



32A8A4



21A8A3



43A8A5

■ 10A8A3

■ 54A8A5

■ 00A8A2

■ 64A8A6

■ 75A8A6

■ 86A8A7

■ 97A8A7

■ A8A8A8

■ B8A8A9

■ C9A8A9

# Harmonies

## Analogous

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



59A785



32A8A4



25A6BF

# Triad

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



32A8A4



AC8CC4



BB905F

# Complementary

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



32A8A4



A83236

# 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.



CD8771



32A8A4



C783AA

# Square

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



32A8A4



8297D2



D2818C



9F9A5D

# Rectangle

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



32A8A4



40A2CC



D2818C



C28D64



# Sweetspot

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



32A8A4



ADDBDA



38A832



526E6D



EDEDED



6E6E6E



# Same Dimension

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



32A8A4



23DBD5



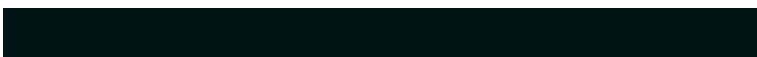
3273A8



4C5454



00948F



001414



# Inverse Universe

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



A83236



DB2329



A86732



544C4C



940005

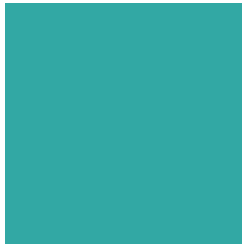


140001



# Previews

## White Background



This preview shows how the Hex color 32A8A4 looks on a white background.

## Color Contrast Check

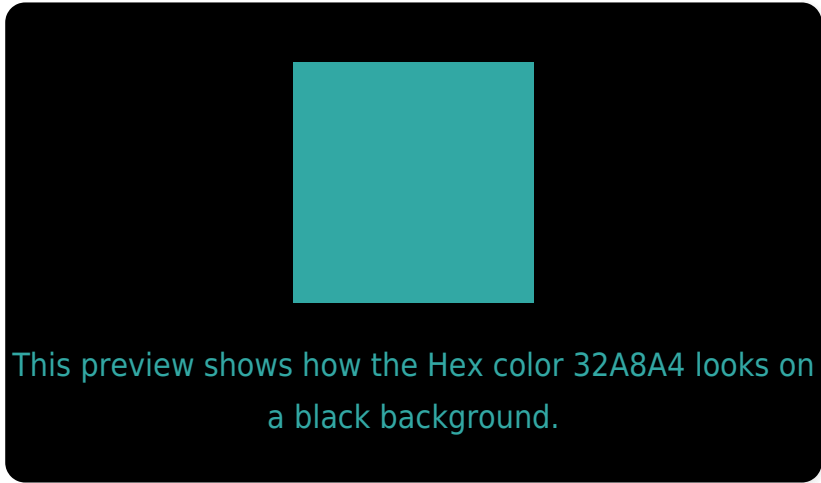
Large Text (above 18pt) WCAG AA × Fail

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

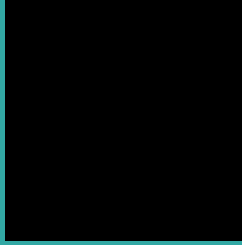
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

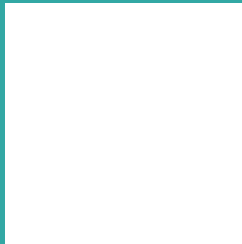
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 32A8A4 Background



This preview shows how black text looks on a background with the Hex color 32A8A4.

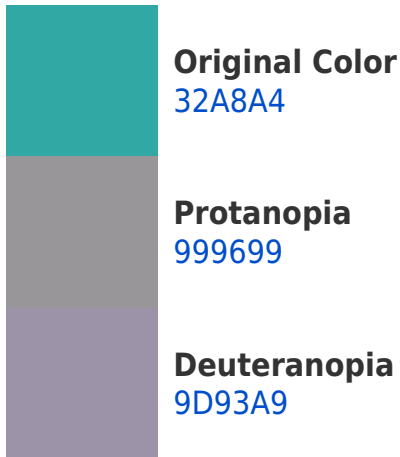


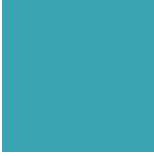
This preview shows how white text looks on a background with the Hex color 32A8A4.

# 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](#).

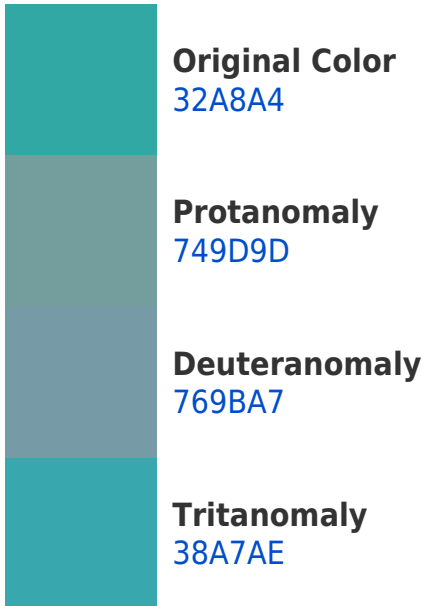
## Dichromacy



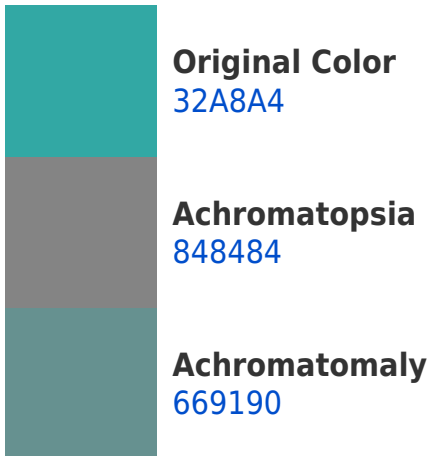


**Tritanopia**  
3BA6B3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 32A8A4 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 #32A8A4 looks like.

```
.text, #text, p{  
    color:#32A8A4  
}
```

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 #32A8A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #32A8A4
}
```

## Border

The CSS property to change the border of an element to Hex 32A8A4 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
#32A8A4 }
```

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

```
.border{ border-color:#32A8A4 }
```

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

Here you see how a box with a 4 pixel #32A8A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #32A8A4; -webkit-box-shadow:4px 4px  
4px 4px #32A8A4; box-shadow:4px 4px 4px  
4px #32A8A4 }
```

# Background

The CSS property to change the background color of an element to Hex 32A8A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#32A8A4 }
```

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

```
.background{ background-color:#32A8A4 }
```

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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