

# Converting Colors

Hex(32A8BA)

Have a look what the booklet for  
Hex(32A8BA) contains.

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# Color

**Hex(32A8BA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	32A8BA
RGB	50, 168, 186
RGB Percent	20%, 66%, 73%
CMY	0.8039, 0.3412, 0.2706
CMYK	0.73, 0.10, 0.00, 0.27
HSL	188°, 58%, 46%
HSV	188°, 73%, 73%
XYZ	24.1810, 32.2285, 51.4006
YIQ	134.7700, -76.1060, -19.4180

# Conversions

## Conversions Part 2

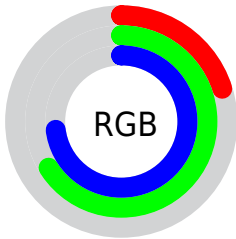
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	50, 113, 186
Decimal	3319994
CIE Lab	63.53, -25.99, -18.60
CIE LCh	64, 31.959, 215.601
Yxy	32.2285, 0.2243, 0.2989
Android (android.graphics.Color)	4281510074 (0xFF32A8BA)
YUV	134.7700, 25.2564, -74.3433
Hunter-Lab	56.7702, -23.3167, -13.9430

# Details

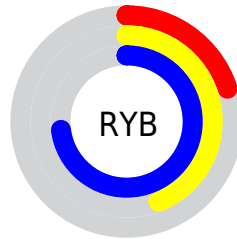
The Hex color **32A8BA** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **BA4432**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **74DFF2**, and **007485** is the 20% darker color. If you saturate the color by 10%, you get **1FA6BA**, and if you desaturate by 10%, it is **45AABA**.

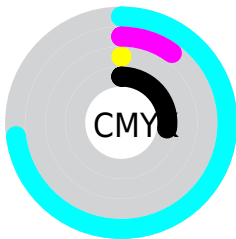
# Distribution



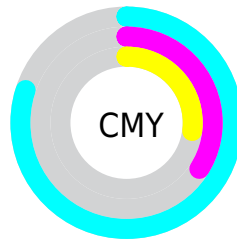
- Red (20%)
- Green (66%)
- Blue (73%)



- Red (20%)
- Yellow (44%)
- Blue (73%)



- Cyan (73%)
- Magenta (10%)
- Yellow (0%)
- Black (27%)



- Cyan (80%)
- Magenta (34%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 32A8BA 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 32A8BA by changing the saturation by 10% instead.



 32A8BA

 32A8BA

FFFFFF

 008D9F

 74DFF2

 007485

 92FCFF

 005B6C

 B0FFFF

 004353

 CEFFFF

 002C3C

 ECFFFF

 001626

 000111

 000000

 32A8BA

 32A8BA

■ 1FA6BA

■ 45AABA

■ 0DA3BA

■ 57ADBA

■ 00A1BA

■ 6AAFBA

■ 7CB2BA

■ 8FB4BA

■ A2B7BA

■ B4B9BA

■ C7BCBA

■ D9BEBA

# Harmonies

## Analogous

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



44A99E



32A8BA



4EA3CD

# Triad

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



32A8BA



C288B2



A89A61

# Complementary

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



32A8BA



BA4432

# 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.



C19067



32A8BA



D18495

# Square

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



32A8BA



A491C8



D0887A



89A26B

# Rectangle

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



32A8BA



6C9ED2



D0887A



B19761



# Sweetspot

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



32A8BA



BDEBF2



32BA42



5B767A



FAFAFA



7A7A7A



# Same Dimension

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



32A8BA



1DD6F2



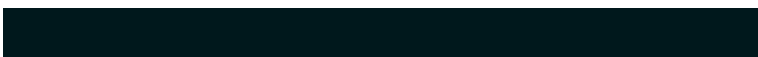
3266BA



535B5C



00879C



00181C



# Inverse Universe

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



BA32A8



F21DD6



BA8632



5C535B



9C0087



1C0018



# Previews

## White Background



This preview shows how the Hex color 32A8BA looks on a white background.

## Color Contrast Check

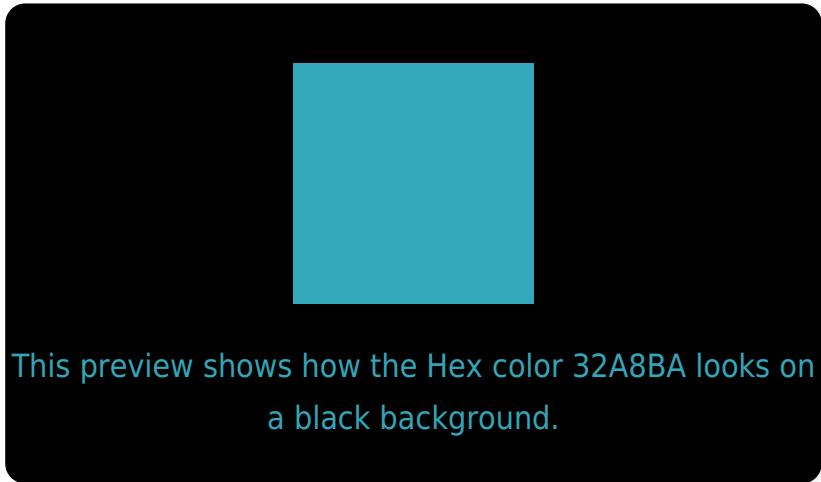
Large Text (above 18pt) WCAG AA × Fail

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

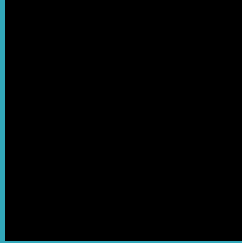
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 32A8BA Background



This preview shows how black text looks on a background with the Hex color 32A8BA.

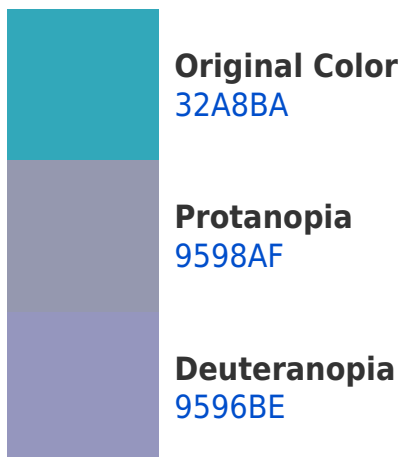


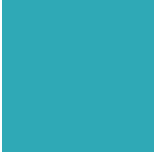
This preview shows how white text looks on a background with the Hex color 32A8BA.

# 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**  
2FA9B6

# Trichromacy



**Original Color**  
32A8BA



**Protanomaly**  
719EB3



**Deuteranomaly**  
719DBD



**Tritanomaly**  
30A9B7

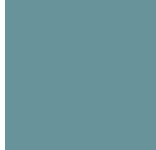
# Monochromacy



**Original Color**  
32A8BA



**Achromatopsia**  
878787



**Achromatomaly**  
68939A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 32A8BA 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 #32A8BA looks like.

```
.text, #text, p{  
    color:#32A8BA  
}
```

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 #32A8BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #32A8BA
}
```

## Border

The CSS property to change the border of an element to Hex 32A8BA 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
#32A8BA }
```

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

```
.border{ border-color:#32A8BA }
```

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

Here you see how a box with a 4 pixel #32A8BA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #32A8BA; -webkit-box-shadow:4px 4px  
4px 4px #32A8BA; box-shadow:4px 4px 4px  
4px #32A8BA }
```

# Background

The CSS property to change the background color of an element to Hex 32A8BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#32A8BA }
```

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

```
.background{ background-color:#32A8BA }
```

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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