

# Converting Colors

Hex(32B7C0)

Have a look what the booklet for  
Hex(32B7C0) contains.

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# **Color**

**Hex(32B7C0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	32B7C0
RGB	50, 183, 192
RGB Percent	20%, 72%, 75%
CMY	0.8039, 0.2824, 0.2471
CMYK	0.74, 0.05, 0.00, 0.25
HSL	184°, 59%, 47%
HSV	184°, 74%, 75%
XYZ	27.7633, 38.3509, 55.8083
YIQ	144.2590, -82.1570, -25.3970

# Conversions

## Conversions Part 2

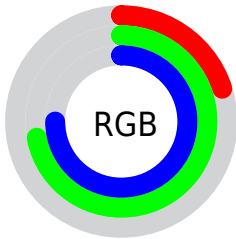
Format	Color
<a href="#">RYB</a>	<a href="#">50, 119, 192</a>
Decimal	<a href="#">3323840</a>
CIELab	<a href="#">68.28, -31.52, -14.75</a>
CIELCh	<a href="#">68, 34.797, 205.080</a>
Yxy	<a href="#">38.3509, 0.2277, 0.3146</a>
Android (android.graphics.Color)	<a href="#">4281513920</a> ( <a href="#">0xFF32B7C0</a> )
YUV	<a href="#">144.2590, 23.5363, -82.6651</a>
Hunter-Lab	<a href="#">61.9281, -28.3498, -10.0813</a>

# Details

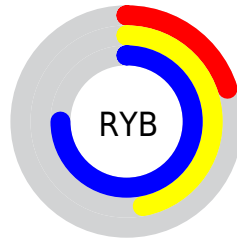
The Hex color **32B7C0** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle muted azure. A complement of this color would be **C03B32**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **76EFF8**, and **00818B** is the 20% darker color. If you saturate the color by 10%, you get **1FB6C0**, and if you desaturate by 10%, it is **45B8C0**.

# Distribution



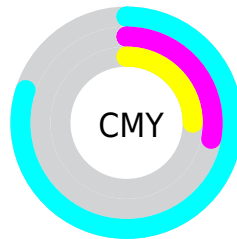
- Red (20%)
- Green (72%)
- Blue (75%)



- Red (20%)
- Yellow (47%)
- Blue (75%)



- Cyan (74%)
- Magenta (5%)
- Yellow (0%)
- Black (25%)



- Cyan (80%)
- Magenta (28%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 32B7C0 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 32B7C0 by changing the saturation by 10% instead.



 32B7C0

 32B7C0

FFFFFF

 009CA5

 76EFF8

 00818B

 95FFFF

 006871

 B3FFFF

 004F59

 D1FFFF

 003841

 F0FFFF

 00242B

 000117

 000000

 32B7C0

 32B7C0

■ 1FB6C0

■ 45B8C0

■ 0CB5C0

■ 58B9C0

■ 00B4C0

■ 6CBBC0

■ 7FBCC0

■ 92BDC0

■ A5BEC0

■ B8C0C0

■ CCC1C0

■ DFC2C0

# Harmonies

## Analogous

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



54B7A0



32B7C0



40B3D9

# Triad

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



32B7C0



C995CB



C0A368

# Complementary

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



32B7C0



C03B32

# 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.



D89874



32B7C0



E08FAD

# Square

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



32B7C0



A3A0DF



E4908D



A0AD6D

# Rectangle

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



32B7C0



60AEE3



E4908D



C99F6A

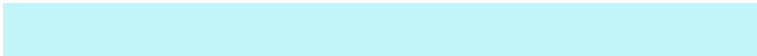


# Sweetspot

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



32B7C0



C3F6FA



32C039



5C7B7D



FCFCFC



7D7D7D



# Same Dimension

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



32B7C0



1BECFA



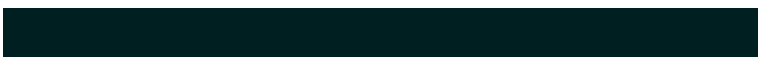
3272C0



576061



0096A1



001F21



# Inverse Universe

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



C032B7



FA1BEC



C08032



615760



A10096

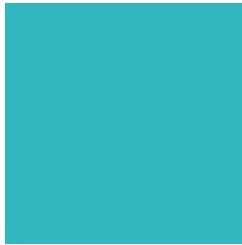


21001F



# Previews

## White Background



This preview shows how the Hex color 32B7C0 looks on a white background.

## Color Contrast Check

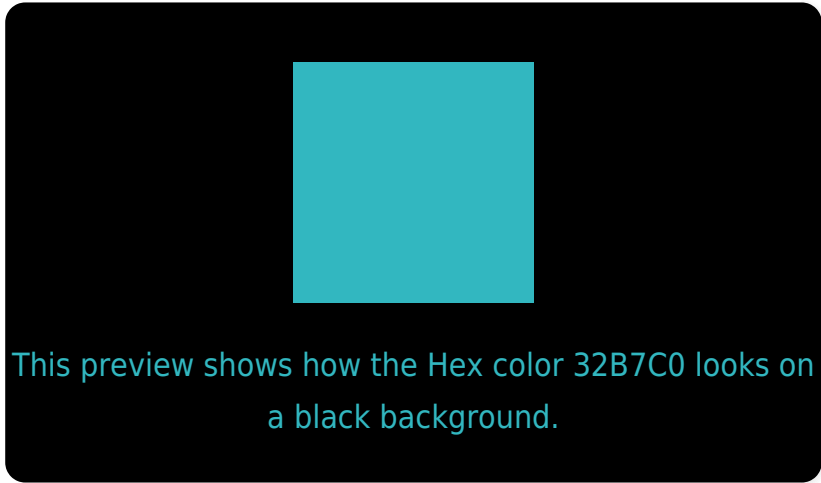
Large Text (above 18pt) WCAG AA × Fail

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

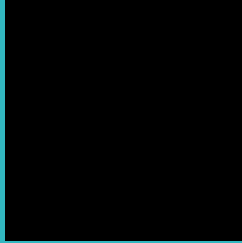
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

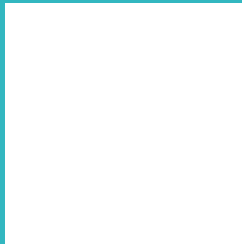
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 32B7C0 Background



This preview shows how black text looks on a background with the Hex color 32B7C0.

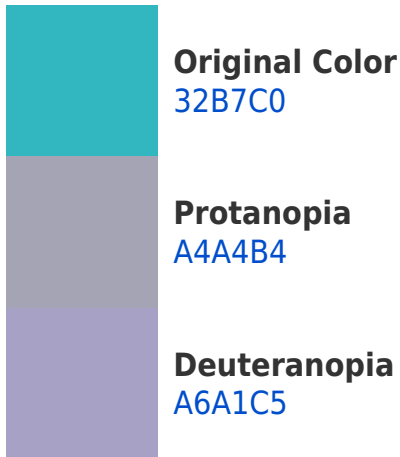


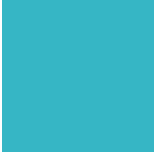
This preview shows how white text looks on a background with the Hex color 32B7C0.

# 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**  
36B6C5

# Trichromacy



**Original Color**  
32B7C0



**Protanomaly**  
7BABB8



**Deuteranomaly**  
7CA9C3



**Tritanomaly**  
35B6C3

# Monochromacy



**Original Color**  
32B7C0



**Achromatopsia**  
909090



**Achromatomaly**  
6E9EA1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 32B7C0 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 #32B7C0 looks like.

```
.text, #text, p{  
    color:#32B7C0  
}
```

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 #32B7C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #32B7C0
}
```

## Border

The CSS property to change the border of an element to Hex 32B7C0 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
#32B7C0 }
```

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

```
.border{ border-color:#32B7C0 }
```

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

Here you see how a box with a 4 pixel #32B7C0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #32B7C0; -webkit-box-shadow:4px 4px  
4px 4px #32B7C0; box-shadow:4px 4px 4px  
4px #32B7C0 }
```

# Background

The CSS property to change the background color of an element to Hex 32B7C0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#32B7C0 }
```

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

```
.background{ background-color:#32B7C0 }
```

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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