

# Converting Colors

Hex(32B17C)

Have a look what the booklet for  
Hex(32B17C) contains.

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**Color**

**Hex(32B17C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	32B17C
RGB	50, 177, 124
RGB Percent	20%, 69%, 49%
CMY	0.8039, 0.3059, 0.5137
CMYK	0.72, 0.00, 0.30, 0.31
HSL	155°, 56%, 45%
HSV	155°, 72%, 69%
XYZ	20.6756, 33.5776, 24.4602
YIQ	132.9850, -58.6790, -43.4070

# Conversions

## Conversions Part 2

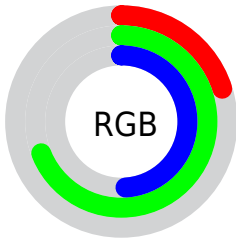
<b>Format</b>	<b>Color</b>
<b>RYB</b>	50, 130, 177
Decimal	3322236
CIELab	64.63, -46.82, 17.43
CIELCh	65, 49.958, 159.580
Yxy	33.5776, 0.2627, 0.4266
Android (android.graphics.Color)	4281512316 (0xFF32B17C)
YUV	132.9850, -4.4296, -72.7778
Hunter-Lab	57.9462, -37.7158, 15.5349




# Details

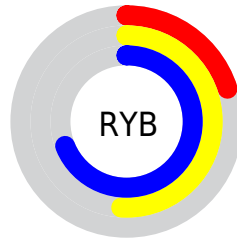
The Hex color **32B17C** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **B13267**, and the grayscale version is **858585**.




A 20% lighter version of the original color is **71EAB1**, and **007B4B** is the 20% darker color. If you saturate the color by 10%, you get **20B175**, and if you desaturate by 10%, it is **44B183**.

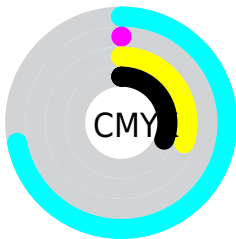
# Distribution







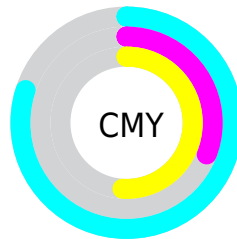
-  Red (20%)
-  Green (69%)
-  Blue (49%)






-  Red (20%)
-  Yellow (51%)
-  Blue (69%)



-  Cyan (72%)
-  Magenta (0%)
-  Yellow (30%)
-  Black (31%)



-  Cyan (80%)
-  Magenta (31%)
-  Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 32B17C 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 32B17C by changing the saturation by 10% instead.



 32B17C

 32B17C

FFFFFF

 009663

 71EAB1

 007B4B

 8FFFCC

 006134

 ACFFE8

 00491E

 C9FFFF

 003107

 E7FFFF

 001900

 000000

 32B17C

 32B17C

 20B175

 44B183

■ 0FB16D

■ 55B18B

■ 00B167

■ 67B192

■ 79B19A

■ 8BB1A1

■ 9CB1A8

■ AEB1B0

■ C0B1B7

■ D1B1BE

# Harmonies

## Analogous

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



79AA55



32B17C



00B3AA

# Triad

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



32B17C



699DF5



E97F66

# Complementary

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



32B17C



B13267

# 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.



F07690



32B17C



B38BE2

# Square

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



32B17C



00AAFO



DF7BBD



D08F48

# Rectangle

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



32B17C



00B2C7



DF7BBD



EE7B73



# Sweetspot

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



32B17C



B3E6D0



69B132



557366



F2F2F2



737373



# Same Dimension

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



32B17C



20E693



32A9B1



505956



009959



001A0F



# Inverse Universe

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



B13267



E62072



B13A32



595054



990040



1A000B



# Previews

## White Background



This preview shows how the Hex color 32B17C 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



This preview shows how the Hex color 32B17C looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

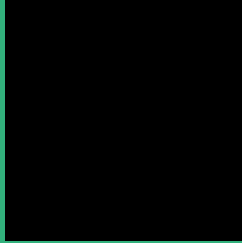
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 32B17C Background



This preview shows how black text looks on a background with the Hex color 32B17C.



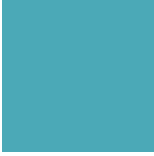
This preview shows how white text looks on a background with the Hex color 32B17C.

# 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](#).

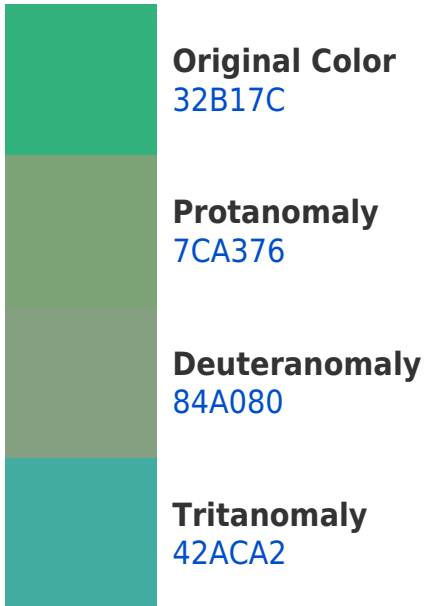
## Dichromacy





**Tritanopia**  
4BA9B7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 32B17C 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 #32B17C looks like.

```
.text, #text, p{  
    color:#32B17C  
}
```

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 #32B17C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #32B17C
}
```

## Border

The CSS property to change the border of an element to Hex 32B17C 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
#32B17C }
```

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

```
.border{ border-color:#32B17C }
```

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

Here you see how a box with a 4 pixel #32B17C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #32B17C; -webkit-box-shadow:4px 4px  
4px 4px #32B17C; box-shadow:4px 4px 4px  
4px #32B17C }
```

# Background

The CSS property to change the background color of an element to Hex 32B17C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#32B17C }
```

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

```
.background{ background-color:#32B17C }
```

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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