

Converting Colors

Hex(30B4B4)

Have a look what the booklet for
Hex(30B4B4) contains.

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Color

Hex(30B4B4)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 30B4B4 |
| RGB | 48, 180, 180 |
| RGB Percent | 19%, 71%, 71% |
| CMY | 0.8118, 0.2941, 0.2941 |
| CMYK | 0.73, 0.00, 0.00, 0.29 |
| HSL | 180°, 58%, 45% |
| HSV | 180°, 73%, 71% |
| XYZ | 25.7784, 36.5662, 48.8793 |
| YIQ | 140.5320, -78.6720, -27.9840 |

Conversions

Conversions Part 2

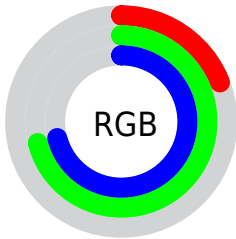
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 48, 114, 180 |
| Decimal | 3191988 |
| CIELab | 66.95, -33.89, -10.12 |
| CIElCh | 67, 35.373, 196.626 |
| Yxy | 36.5662, 0.2318, 0.3288 |
| Android (android.graphics.Color) | 4281382068 (0xFF30B4B4) |
| YUV | 140.5320, 19.4577, -81.1506 |
| Hunter-Lab | 60.4700, -29.7278, -5.5965 |

Details

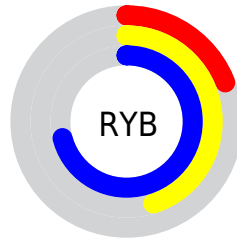
The Hex color **30B4B4** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **B43030**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **74ECEC**, and **007F7F** is the 20% darker color. If you saturate the color by 10%, you get **1EB4B4**, and if you desaturate by 10%, it is **42B4B4**.

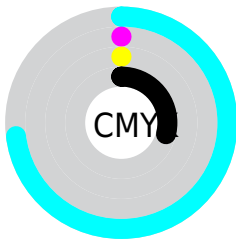
Distribution



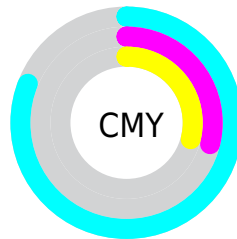
- Red (19%)
- Green (71%)
- Blue (71%)



- Red (19%)
- Yellow (45%)
- Blue (71%)



- Cyan (73%)
- Magenta (0%)
- Yellow (0%)
- Black (29%)



- Cyan (81%)
- Magenta (29%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 30B4B4 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 30B4B4 by changing the saturation by 10% instead.

 30B4B4

 30B4B4

FFFFFF

 009999

 74ECEC

 007F7F

 92FFFF

 006566

 B0FFFF

 004C4E

 CEFFFF

 003538

 ECFFFF

 002122

 00000C

 000000

 30B4B4

 30B4B4

■ 1EB4B4

■ 42B4B4

■ 0CB4B4

■ 54B4B4

■ 00B4B4

■ 66B4B4

■ 78B4B4

■ 8AB4B4

■ 9CB4B4

■ AEB4B4

■ C0B4B4

■ D2B4B4

Harmonies

Analogous

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



5AB393



30B4B4



2BB1D0

Triad

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



30B4B4



BD94CF



C59C65

Complementary

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



30B4B4



B43030

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.



DA9176



30B4B4



D88CB3

Square

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



30B4B4



92A0E0



E18B92



A6A765

Rectangle

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



30B4B4



4BADDD



E18B92



CD9869

Sweetspot

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



30B4B4



B7EBEB



30B430



577575



F5F5F5



757575

Same Dimension

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



30B4B4



1CEBEB



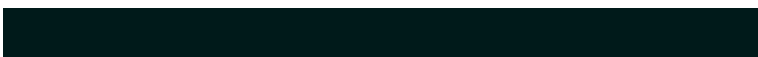
3072B4



505959



009999



001A1A

Inverse Universe

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



B430B4



EB1CEB



B47230



595059



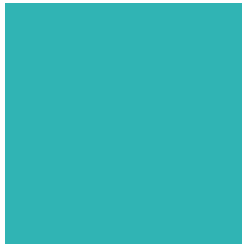
990099



1A001A

Previews

White Background



This preview shows how the Hex color 30B4B4 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 30B4B4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

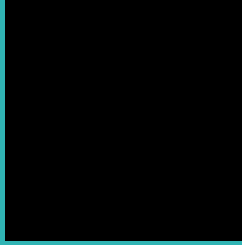
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

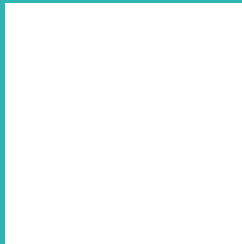
Any Text WCAG AAA ✓ Pass

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

Hex 30B4B4 Background



This preview shows how black text looks on a background with the Hex color 30B4B4.

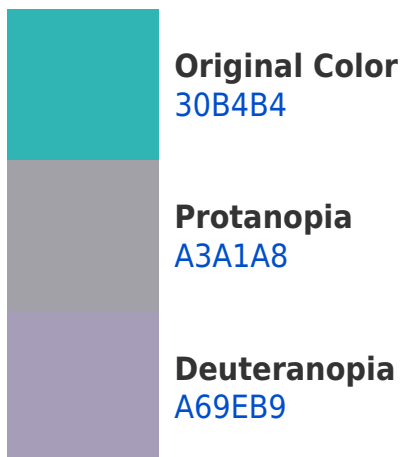


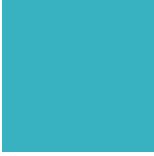
This preview shows how white text looks on a background with the Hex color 30B4B4.

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](#).

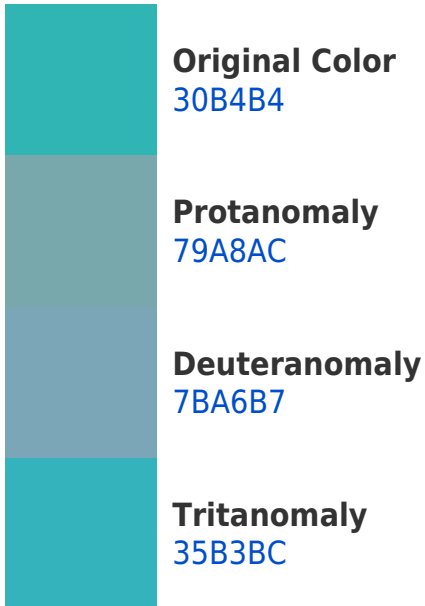
Dichromacy



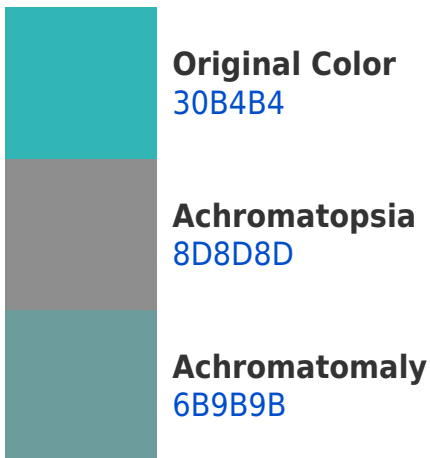


Tritanopia
38B2C1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 30B4B4 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 #30B4B4 looks like.

```
.text, #text, p{  
    color:#30B4B4  
}
```

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 #30B4B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30B4B4
}
```

Border

The CSS property to change the border of an element to Hex 30B4B4 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
#30B4B4 }
```

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

```
.border{ border-color:#30B4B4 }
```

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

Here you see how a box with a 4 pixel #30B4B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30B4B4; -webkit-box-shadow:4px 4px  
4px 4px #30B4B4; box-shadow:4px 4px 4px  
4px #30B4B4 }
```

Background

The CSS property to change the background color of an element to Hex 30B4B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30B4B4 }
```

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

```
.background{ background-color:#30B4B4 }
```

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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