

Converting Colors

Hex(30BFBF)

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

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Color

Hex(30BFBF)

Conversions

Conversions Part 1

Format	Color
Hex	30BFBF
RGB	48, 191, 191
RGB Percent	19%, 75%, 75%
CMY	0.8118, 0.2510, 0.2510
CMYK	0.75, 0.00, 0.00, 0.25
HSL	180°, 60%, 47%
HSV	180°, 75%, 75%
XYZ	29.2537, 41.6516, 55.7879
YIQ	148.2430, -85.2280, -30.3160

Conversions

Conversions Part 2

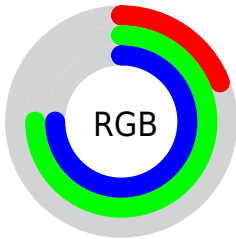
Format	Color
RYB	48, 120, 191
Decimal	3194815
CIELab	70.63, -35.82, -10.68
CIELCh	71, 37.377, 196.597
Yxy	41.6516, 0.2309, 0.3288
Android (android.graphics.Color)	4281384895 (0xFF30BFBF)
YUV	148.2430, 21.0792, -87.9131
Hunter-Lab	64.5380, -32.0313, -6.0748

Details

The Hex color **30BFBF** is a dark color, and the websafe version is hex **33CCCC**, and the color name is **maximum blue green**. A complement of this color would be **BF3030**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **76F8F7**, and **00898A** is the 20% darker color. If you saturate the color by 10%, you get **1DBFBF**, and if you desaturate by 10%, it is **43BFBF**.

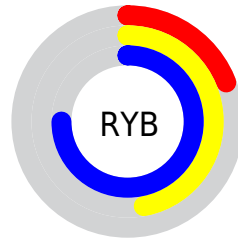
Distribution



Red (19%)

Green (75%)

Blue (75%)



Red (19%)

Yellow (47%)

Blue (75%)

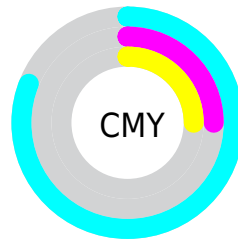


Cyan (75%)

Magenta (0%)

Yellow (0%)

Black (25%)



Cyan (81%)

Magenta (25%)

Yellow (25%)

Brightness & Saturation Gradients

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



30BFBF



30BFBF

FFFFFF



00A4A4



76F8F7



00898A



95FFFF



006F70



B4FFFF



005658



D2FFFF



003E41



F1FFFF



00282B



000517



000000



30BFBF



30BFBF

 1DBFBF

 43BFBF

 0ABFBF

 56BFBF

 00BFBF

 69BFBF

 7CBFBF

 90BFBF

 A3BFBF

 B6BFBF

 C9BFBF

 DCBFBF

Harmonies

Analogous

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



5FBE9C



30BFBF



29BCDD

Triad

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



30BFBF



C89DDC



D1A56B

Complementary

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



30BFBF



BF3030

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.



E79A7D



30BFBF



E594BD

Square

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



30BFBF



9AAAE



F0939B



B0B16B

Rectangle

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



30BFBF



4DB8EA



F0939B



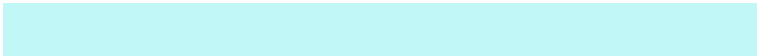
DAA16F

Sweetspot

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



30BFBF



C1F7F7



30BF30



5C7D7D



FCFCFC



7D7D7D

Same Dimension

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



30BFBF



19F7F7



3078BF



555E5E



009E9E



001F1F

Inverse Universe

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



BF30BF



F719F7



BF7830



5E555E



9E009E



1F001F

Previews

White Background



This preview shows how the Hex color 30BFBF looks on a white background.

Color Contrast Check

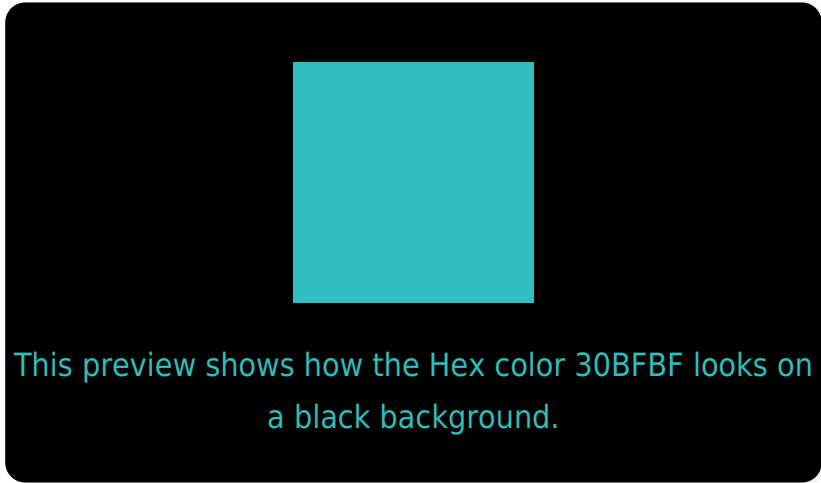
Large Text (above 18pt) WCAG AA × Fail

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

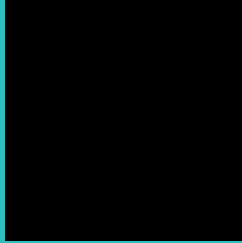
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

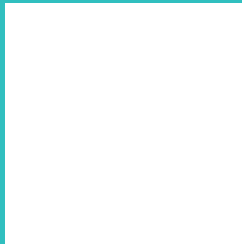
Any Text WCAG AAA ✓ Pass

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

Hex 30BFBF Background



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

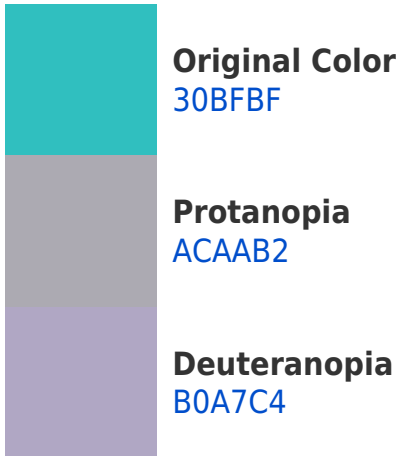


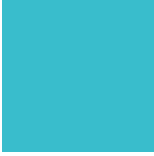
This preview shows how white text looks on a background with the Hex color 30BFBF.

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





Trichromacy



Original Color
30BFBF



Protanomaly
7FB2B7



Deuteranomaly
81B0C2



Tritanomaly
36BEC7

Monochromacy



Original Color
30BFBF



Achromatopsia
949494



Achromatomaly
70A4A4

CSS Examples

Text

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

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

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 #30BFBF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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