

Converting Colors

Hex(33B8BD)

Have a look what the booklet for
Hex(33B8BD) contains.

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Color

Hex(33B8BD)

Conversions

Conversions Part 1

Format	Color
Hex	33B8BD
RGB	51, 184, 189
RGB Percent	20%, 72%, 74%
CMY	0.8000, 0.2784, 0.2588
CMYK	0.73, 0.03, 0.00, 0.26
HSL	182°, 58%, 47%
HSV	182°, 73%, 74%
XYZ	27.6910, 38.6589, 54.1466
YIQ	144.8030, -80.8730, -26.6410

Conversions

Conversions Part 2

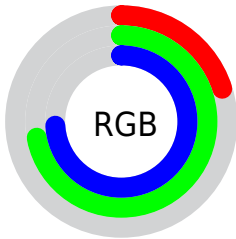
Format	Color
RYB	51, 119, 189
Decimal	3389629
CIELab	68.50, -32.77, -12.76
CIELCh	69, 35.170, 201.268
Yxy	38.6589, 0.2298, 0.3208
Android (android.graphics.Color)	4281579709 (0xFF33B8BD)
YUV	144.8030, 21.7891, -82.2652
Hunter-Lab	62.1763, -29.3112, -8.1096

Details

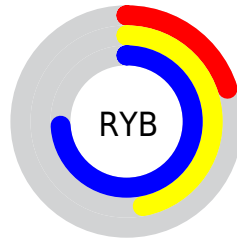
The Hex color **33B8BD** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **BD3833**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **77F0F5**, and **008288** is the 20% darker color. If you saturate the color by 10%, you get **20B7BD**, and if you desaturate by 10%, it is **46B9BD**.

Distribution



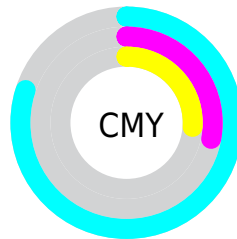
- Red (20%)
- Green (72%)
- Blue (74%)



- Red (20%)
- Yellow (47%)
- Blue (74%)



- Cyan (73%)
- Magenta (3%)
- Yellow (0%)
- Black (26%)



- Cyan (80%)
- Magenta (28%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 33B8BD 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 33B8BD by changing the saturation by 10% instead.

 33B8BD

 33B8BD

FFFFFF

 009DA2

 77F0F5

 008288

 95FFFF

 00696E

 B3FFFF

 005056

 D2FFFF

 00383F

 F0FFFF

 002429

 000115

 000000

 33B8BD

 33B8BD

■ 20B7BD

■ 46B9BD

■ 0DB7BD

■ 59B9BD

■ 00B6BD

■ 6CBABD

■ 7FBBD

■ 92BBBD

■ A4BCBD

■ B7BDBD

■ CABDBD

■ DDBEBD

Harmonies

Analogous

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



59B89C



33B8BD



39B4D8

Triad

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



33B8BD



C697CF



C5A268

Complementary

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



33B8BD



BD3833

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.



DC9777



33B8BD



DF8FB2

Square

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



33B8BD



9EA2E2



E69092



A5AC6B

Rectangle

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



33B8BD



59B0E3



E69092



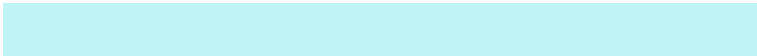
CE9E6B

Sweetspot

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



33B8BD



BFF3F5



33BD38



5B797A



FAFAFA



7A7A7A

Same Dimension

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



33B8BD



1DEDF5



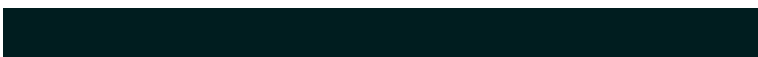
3373BD



555E5E



00989E



001D1F

Inverse Universe

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



BD33B8



F51DED



BD7D33



5E555E



9E0098



1F001D

Previews

White Background



This preview shows how the Hex color 33B8BD 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 33B8BD 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 33B8BD Background



This preview shows how black text looks on a background with the Hex color 33B8BD.

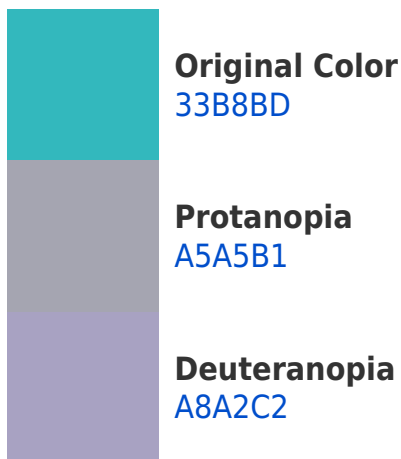


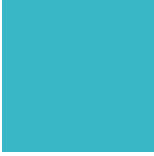
This preview shows how white text looks on a background with the Hex color 33B8BD.

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](#).

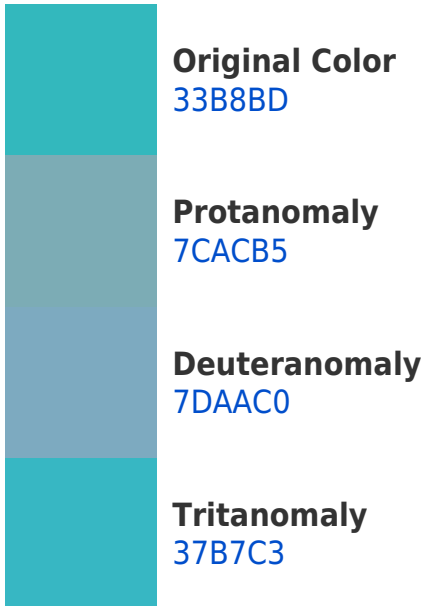
Dichromacy





Tritanopia
39B7C6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 33B8BD 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 #33B8BD looks like.

```
.text, #text, p{  
    color:#33B8BD  
}
```

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 #33B8BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #33B8BD
}
```

Border

The CSS property to change the border of an element to Hex 33B8BD 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
#33B8BD }
```

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

```
.border{ border-color:#33B8BD }
```

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

Here you see how a box with a 4 pixel #33B8BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #33B8BD; -webkit-box-shadow:4px 4px  
4px 4px #33B8BD; box-shadow:4px 4px 4px  
4px #33B8BD }
```

Background

The CSS property to change the background color of an element to Hex 33B8BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#33B8BD }
```

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

```
.background{ background-color:#33B8BD }
```

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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