

Converting Colors

Hex(33B0C6)

Have a look what the booklet for
Hex(33B0C6) contains.

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Color

Hex(33B0C6)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 33B0C6 |
| RGB | 51, 176, 198 |
| RGB Percent | 20%, 69%, 78% |
| CMY | 0.8000, 0.3098, 0.2235 |
| CMYK | 0.74, 0.11, 0.00, 0.22 |
| HSL | 189°, 59%, 49% |
| HSV | 189°, 74%, 78% |
| XYZ | 27.0836, 35.8317, 58.9148 |
| YIQ | 141.1330, -81.5620, -19.6580 |

Conversions

Conversions Part 2

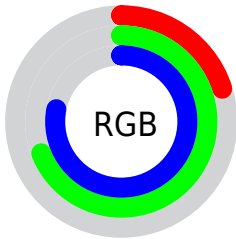
| Format | Color |
|-------------------------------------|---|
| RYB | 51, 119, 198 |
| Decimal | 3387590 |
| CIELab | 66.39, -26.11, -20.92 |
| CIElCh | 66, 33.458, 218.702 |
| Yxy | 35.8317, 0.2223, 0.2941 |
| Android (android.graphics.Color) | 4281577670 (0xFF33B0C6) |
| YUV | 141.1330, 28.0354, -79.0466 |
| Hunter-Lab | 59.8596, -23.9915, -16.4525 |

Details

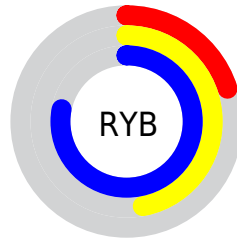
The Hex color **33B0C6** is a dark color, and the websafe version is hex **339999**. The color can be described as middle muted azure. A complement of this color would be **C64933**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **77E8FF**, and **007B90** is the 20% darker color. If you saturate the color by 10%, you get **1FADC6**, and if you desaturate by 10%, it is **47B3C6**.

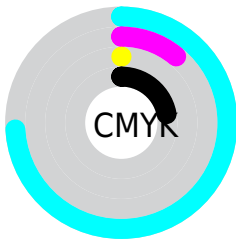
Distribution



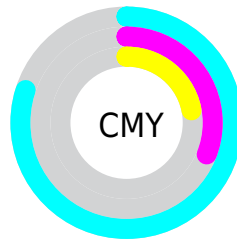
- Red (20%)
- Green (69%)
- Blue (78%)



- Red (20%)
- Yellow (47%)
- Blue (78%)



- Cyan (74%)
- Magenta (11%)
- Yellow (0%)
- Black (22%)



- Cyan (80%)
- Magenta (31%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 33B0C6 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 33B0C6 by changing the saturation by 10% instead.

 33B0C6

 33B0C6

FFFFFF

 0095AB

 77E8FF

 007B90

 95FFFF

 006276

 B4FFFF

 004A5E

 D2FFFF

 003346

 F0FFFF

 00202F

 00011B

 000000

 33B0C6

 33B0C6

■ 1FADC6

■ 47B3C6

■ 0BAAC6

■ 5BB6C6

■ 00A8C6

■ 6EB9C6

■ 82BCC6

■ 96BFC6

■ AAC2C6

■ BEC5C6

■ D1C8C6

■ E5CBC6

Harmonies

Analogous

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



43B2A9



33B0C6



55AAD9

Triad

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



33B0C6



CF8DB8



ADA265

Complementary

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



33B0C6



C64933

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.



C8986A



33B0C6



DC8A9A

Square

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



33B0C6



B096D0



D98F7D



8CAB72

Rectangle

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



33B0C6



75A5DD



D98F7D



B79F65

Sweetspot

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



33B0C6



C7F7FF



33C647



5E7B80



000000



808080

Same Dimension

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



33B0C6



1CDDFF



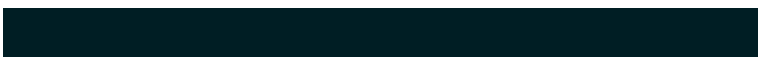
3369C6



5A6263



008BA3



001E24

Inverse Universe

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



C633B0



FF1CDD



C69033



635A62



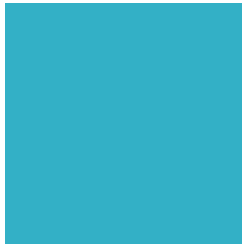
A3008B



24001E

Previews

White Background



This preview shows how the Hex color 33B0C6 looks on a white background.

Color Contrast Check

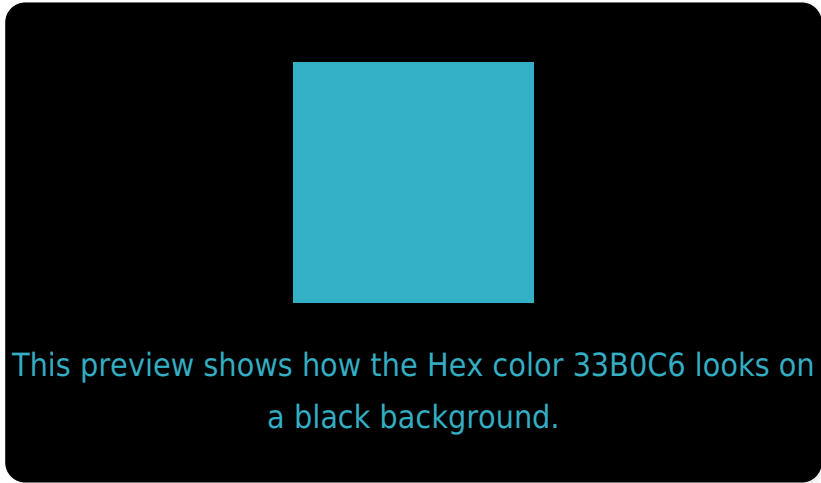
Large Text (above 18pt) WCAG AA × Fail

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

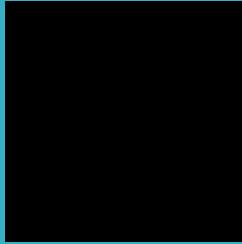
Any Text WCAG AA ✓ Pass

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 33B0C6 Background



This preview shows how black text looks on a background with the Hex color 33B0C6.

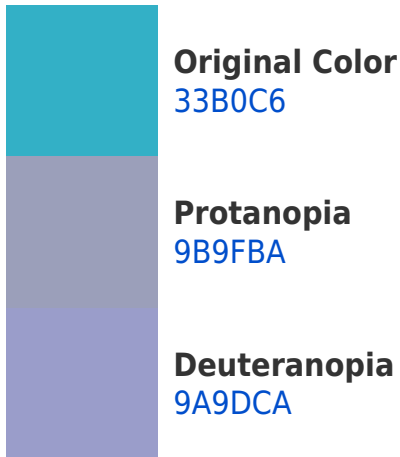


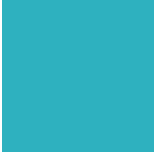
This preview shows how white text looks on a background with the Hex color 33B0C6.

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](#).

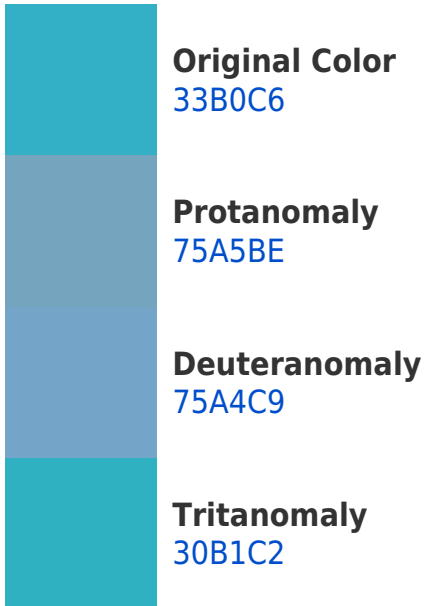
Dichromacy





Tritanopia
2EB1BF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 33B0C6 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 #33B0C6 looks like.

```
.text, #text, p{  
    color:#33B0C6  
}
```

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 #33B0C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #33B0C6
}
```

Border

The CSS property to change the border of an element to Hex 33B0C6 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
#33B0C6 }
```

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

```
.border{ border-color:#33B0C6 }
```

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

Here you see how a box with a 4 pixel #33B0C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #33B0C6; -webkit-box-shadow:4px 4px  
4px 4px #33B0C6; box-shadow:4px 4px 4px  
4px #33B0C6 }
```

Background

The CSS property to change the background color of an element to Hex 33B0C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#33B0C6 }
```

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

```
.background{ background-color:#33B0C6 }
```

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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