

Converting Colors

Hex(33A0B1)

Have a look what the booklet for
Hex(33A0B1) contains.

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Color

Hex(33A0B1)

Conversions

Conversions Part 1

Format	Color
Hex	33A0B1
RGB	51, 160, 177
RGB Percent	20%, 63%, 69%
CMY	0.8000, 0.3725, 0.3059
CMYK	0.71, 0.10, 0.00, 0.31
HSL	188°, 55%, 45%
HSV	188°, 71%, 69%
XYZ	21.8719, 29.0197, 46.0436
YIQ	129.3470, -70.4210, -17.8210

Conversions

Conversions Part 2

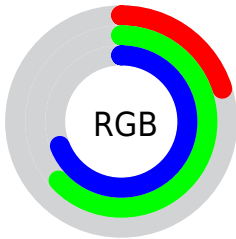
Format	Color
R _Y B	51, 109, 177
Decimal	3383473
CIE Lab	60.80, -24.63, -17.71
CIE LCh	61, 30.336, 215.709
Yxy	29.0197, 0.2256, 0.2994
Android (android.graphics.Color)	4281573553 (0xFF33A0B1)
YUV	129.3470, 23.4929, -68.7103
Hunter-Lab	53.8700, -21.7993, -12.9672

Details

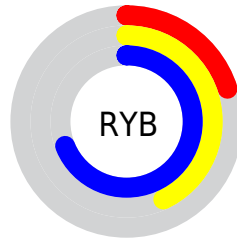
The Hex color **33A0B1** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **B14433**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **73D7E9**, and **006C7C** is the 20% darker color. If you saturate the color by 10%, you get **219EB1**, and if you desaturate by 10%, it is **45A2B1**.

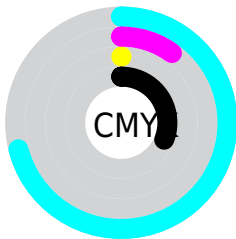
Distribution



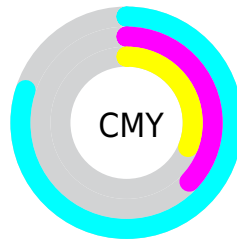
- Red (20%)
- Green (63%)
- Blue (69%)



- Red (20%)
- Yellow (43%)
- Blue (69%)



- Cyan (71%)
- Magenta (10%)
- Yellow (0%)
- Black (31%)



- Cyan (80%)
- Magenta (37%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 33A0B1 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 33A0B1 by changing the saturation by 10% instead.

■ 33A0B1

■ 33A0B1

FFFFFF

■ 008696

■ 73D7E9

■ 006C7C

■ 90F4FF

■ 005463

■ AEFFFF

■ 003C4C

■ CBFFFF

■ 002635

■ E9FFFF

■ 000720

■ 000004

■ 000000

■ 33A0B1

■ 33A0B1

■ 219EB1

■ 45A2B1

■ 109BB1

■ 56A5B1

■ 0099B1

■ 68A7B1

■ 7AAAB1

■ 8BACB1

■ 9DAEB1

■ AFB1B1

■ C1B3B1

■ D2B5B1

Harmonies

Analogous

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



43A197



33A0B1



4C9BC3

Triad

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



33A0B1



B982A9



A0935D

Complementary

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



33A0B1



B14433

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.



B78A62



33A0B1



C77E8E

Square

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



33A0B1



9D8ABE



C58275



839A66

Rectangle

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



33A0B1



6896C8



C58275



A8905D

Sweetspot

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



33A0B1



B5DFE6



33B144



566F73



F2F2F2



737373

Same Dimension

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



33A0B1



22CBE6



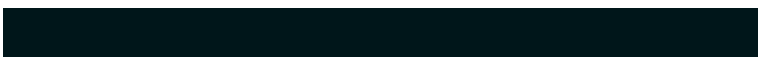
3361B1



505859



008499



00161A

Inverse Universe

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



B133A0



E622CB



B18333



595058



990084



1A0016

Previews

White Background



This preview shows how the Hex color 33A0B1 looks on a white background.

Color Contrast Check

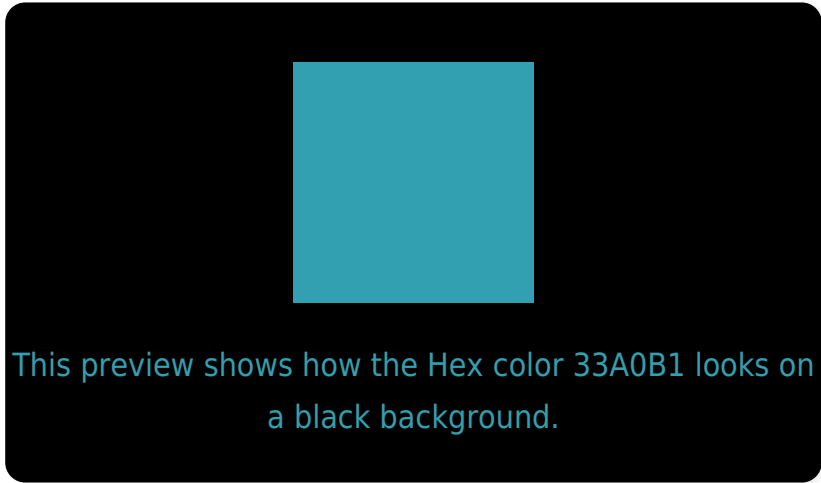
Large Text (above 18pt) WCAG AA ✓ Pass

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

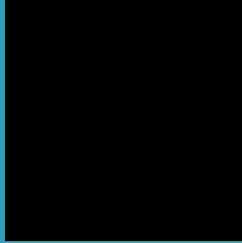
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 33A0B1 Background



This preview shows how black text looks on a background with the Hex color 33A0B1.

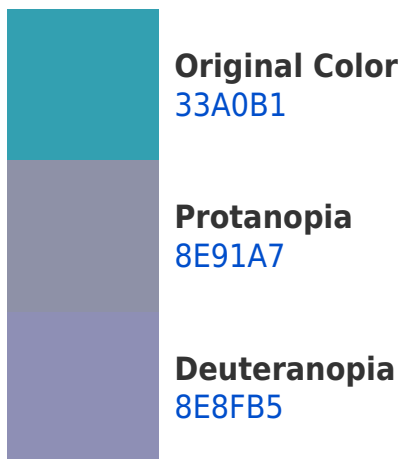


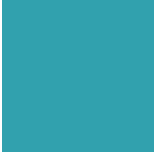
This preview shows how white text looks on a background with the Hex color 33A0B1.

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](#).

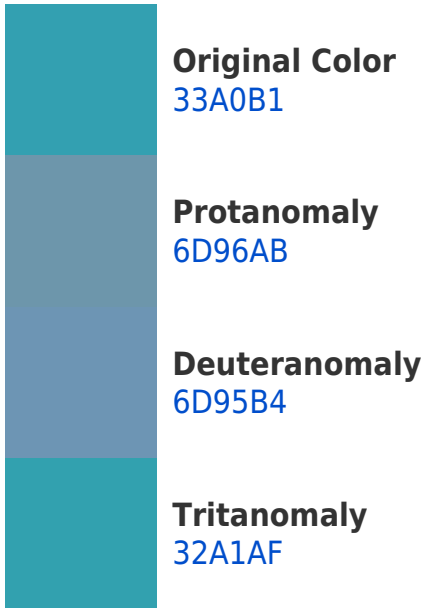
Dichromacy





Tritanopia
31A1AE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 33A0B1 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 #33A0B1 looks like.

```
.text, #text, p{  
    color:#33A0B1  
}
```

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 #33A0B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #33A0B1
}
```

Border

The CSS property to change the border of an element to Hex 33A0B1 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
#33A0B1 }
```

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

```
.border{ border-color:#33A0B1 }
```

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

Here you see how a box with a 4 pixel #33A0B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #33A0B1; -webkit-box-shadow:4px 4px  
4px 4px #33A0B1; box-shadow:4px 4px 4px  
4px #33A0B1 }
```

Background

The CSS property to change the background color of an element to Hex 33A0B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#33A0B1 }
```

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

```
.background{ background-color:#33A0B1 }
```

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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