

Converting Colors

Hex(31A1BA)

Have a look what the booklet for
Hex(31A1BA) contains.

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Color

Hex(31A1BA)

Conversions

Conversions Part 1

Format	Color
Hex	31A1BA
RGB	49, 161, 186
RGB Percent	19%, 63%, 73%
CMY	0.8078, 0.3686, 0.2706
CMYK	0.74, 0.13, 0.00, 0.27
HSL	191°, 58%, 46%
HSV	191°, 74%, 73%
XYZ	22.8744, 29.6879, 50.9791
YIQ	130.3620, -74.7770, -15.9690

Conversions

Conversions Part 2

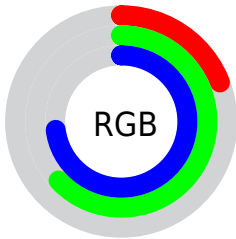
Format	Color
R_{YB}	49, 111, 186
Decimal	3252666
CIE _{Lab}	61.38, -22.54, -21.88
CIE _{LCh}	61, 31.415, 224.147
Yxy	29.6879, 0.2209, 0.2867
Android (android.graphics.Color)	4281442746 (0xFF31A1BA)
YUV	130.3620, 27.4295, -71.3545
Hunter-Lab	54.4866, -20.4141, -17.3327




Details

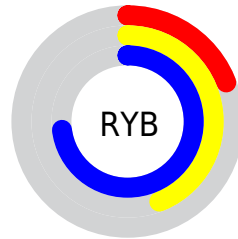
The Hex color **31A1BA** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **BA4A31**, and the grayscale version is **828282**.




A 20% lighter version of the original color is **73D8F2**, and **006D85** is the 20% darker color. If you saturate the color by 10%, you get **1E9EBA**, and if you desaturate by 10%, it is **44A4BA**.

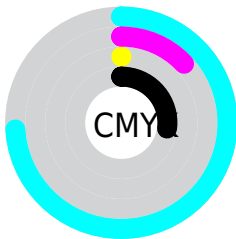
Distribution







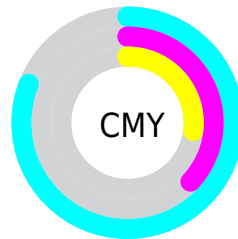
-  Red (19%)
-  Green (63%)
-  Blue (73%)






-  Red (19%)
-  Yellow (44%)
-  Blue (73%)



-  Cyan (74%)
-  Magenta (13%)
-  Yellow (0%)
-  Black (27%)



-  Cyan (81%)
-  Magenta (37%)
-  Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 31A1BA 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 31A1BA by changing the saturation by 10% instead.

 31A1BA

 31A1BA

FFFFFF

 00879F

 73D8F2

 006D85

 91F5FF

 00556C

 AEFFFF

 003D53

 CCFFFF

 00273C

 EAFFFF

 000C26

 000110

 000000

 31A1BA

 31A1BA

■ 1E9EBA

■ 44A4BA

■ 0C9ABA

■ 56A8BA

■ 0098BA

■ 69ABBA

■ 7BAFBA

■ 8EB2BA

■ A1B5BA

■ B3B9BA

■ C6BCBA

■ D8C0BA

Harmonies

Analogous

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



38A3A1



31A1BA



559BC9

Triad

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



31A1BA



C181A4



9A975E

Complementary

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



31A1BA



BA4A31

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.



B48D5F



31A1BA



CB7F88

Square

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



31A1BA



A888BC



C6846F



7B9E6B

Rectangle

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



31A1BA



7496CB



C6846F



A3945C

Sweetspot

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



31A1BA



BDE9F2



31BA48



5B757A



FAFAFA



7A7A7A

Same Dimension

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



31A1BA



1DCBF2



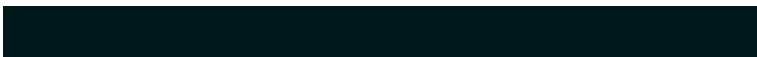
315FBA



535A5C



007F9C



00171C

Inverse Universe

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



BA31A1



F21DCB



BA8C31



5C535A



9C007F



1C0017

Previews

White Background



This preview shows how the Hex color 31A1BA looks on a white background.

Color Contrast Check

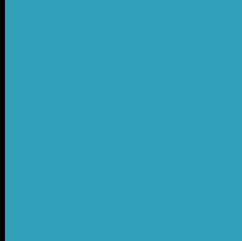
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 31A1BA 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 × Fail

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

Hex 31A1BA Background



This preview shows how black text looks on a background with the Hex color 31A1BA.

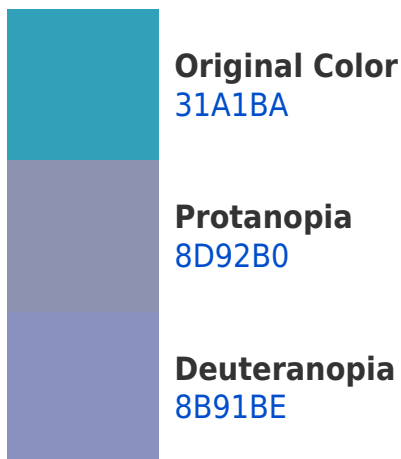


This preview shows how white text looks on a background with the Hex color 31A1BA.

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](#).

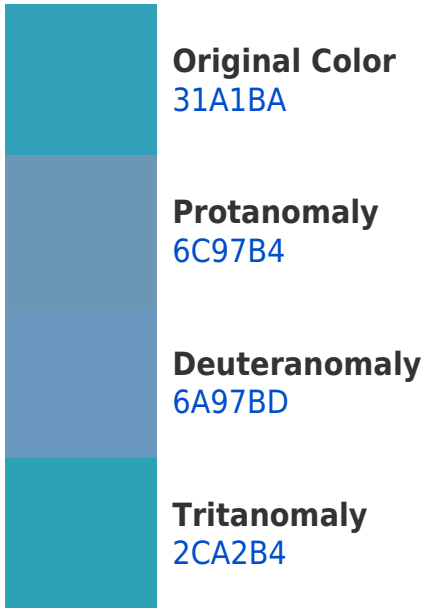
Dichromacy





Tritanopia
29A3B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 31A1BA 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 #31A1BA looks like.

```
.text, #text, p{  
    color:#31A1BA  
}
```

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 #31A1BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31A1BA
}
```

Border

The CSS property to change the border of an element to Hex 31A1BA 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
#31A1BA }
```

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

```
.border{ border-color:#31A1BA }
```

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

Here you see how a box with a 4 pixel #31A1BA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31A1BA; -webkit-box-shadow:4px 4px  
4px 4px #31A1BA; box-shadow:4px 4px 4px  
4px #31A1BA }
```

Background

The CSS property to change the background color of an element to Hex 31A1BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31A1BA }
```

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

```
.background{ background-color:#31A1BA }
```

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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