

Converting Colors

Hex(31A38B)

Have a look what the booklet for
Hex(31A38B) contains.

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Color

Hex(31A38B)

Conversions

Conversions Part 1

Format	Color
Hex	31A38B
RGB	49, 163, 139
RGB Percent	19%, 64%, 55%
CMY	0.8078, 0.3608, 0.4549
CMYK	0.70, 0.00, 0.15, 0.36
HSL	167°, 54%, 42%
HSV	167°, 70%, 64%
XYZ	19.0240, 28.7114, 28.9653
YIQ	126.1780, -60.2400, -31.6320

Conversions

Conversions Part 2

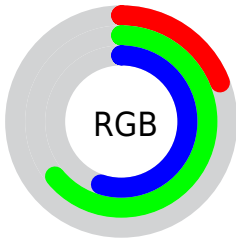
Format	Color
RYB	49, 113, 163
Decimal	3253131
CIELab	60.53, -37.38, 3.31
CIElCh	61, 37.524, 174.934
Yxy	28.7114, 0.2480, 0.3743
Android (android.graphics.Color)	4281443211 (0xFF31A38B)
YUV	126.1780, 6.3212, -67.6851
Hunter-Lab	53.5831, -30.3961, 5.4579

Details

The Hex color **31A38B** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A33149**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **6FDBC0**, and **006E59** is the 20% darker color. If you saturate the color by 10%, you get **21A388**, and if you desaturate by 10%, it is **41A38E**.

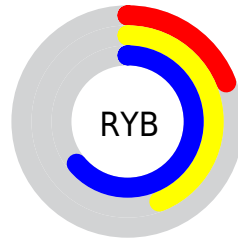
Distribution



Red (19%)

Green (64%)

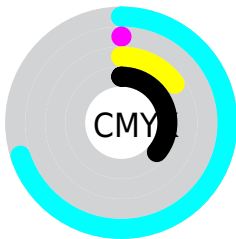
Blue (55%)



Red (19%)

Yellow (44%)

Blue (64%)

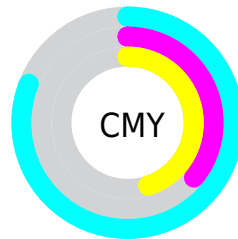


Cyan (70%)

Magenta (0%)

Yellow (15%)

Black (36%)



Cyan (81%)

Magenta (36%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 31A38B 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 31A38B by changing the saturation by 10% instead.

 31A38B

 31A38B

FFFFFF

 008872

 6FDBC0

 006E59

 8CF7DC

 005542

 A8FFF9

 003D2C

 C6FFFF


 002817

 E3FFFF

 000400

 000000

 31A38B

 31A38B

 21A388

 41A38E

■ 10A384

■ 52A392

■ 00A381

■ 62A395

■ 72A399

■ 83A39C

■ 93A3A0

■ A3A3A3

■ B3A3A6

■ C4A3AA

Harmonies

Analogous

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



649F6B



31A38B



00A3AD

Triad

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



31A38B



8D8BCE



C5825D

Complementary

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



31A38B



A33149

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.



D17978



31A38B



B67FB8

Square

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



31A38B



5397D3



CD7899



AC8E4F

Rectangle

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



31A38B



00A1C0



CD7899



CB7F65

Sweetspot

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



31A38B



A7D4CA



4AA331



506B65



EBEBEB



6B6B6B

Same Dimension

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



31A38B



22D4AE



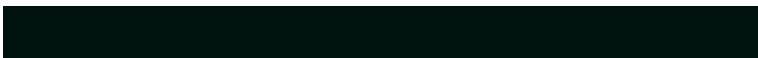
3183A3



495250



009173



00120E

Inverse Universe

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



A33149



D42247



A35131



52494B



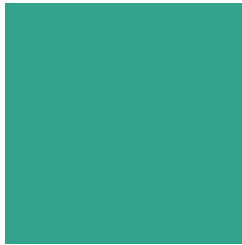
91001F



120004

Previews

White Background



This preview shows how the Hex color 31A38B looks on a white background.

Color Contrast Check

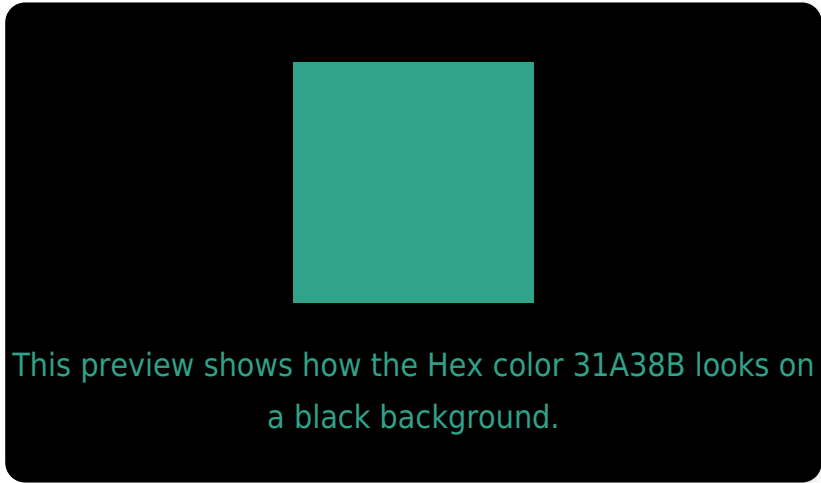
Large Text (above 18pt) WCAG AA ✓ Pass

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

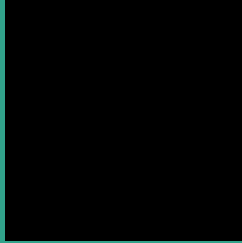
Any Text WCAG AA ✓ Pass

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 31A38B Background



This preview shows how black text looks on a background with the Hex color 31A38B.

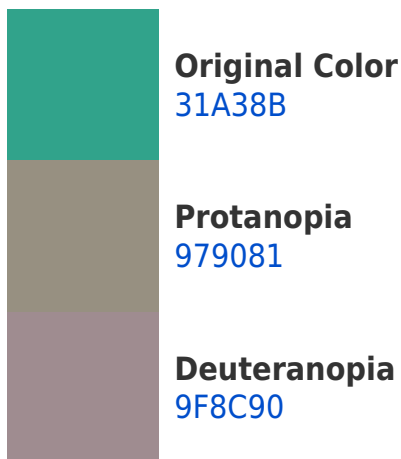


This preview shows how white text looks on a background with the Hex color 31A38B.

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
419EAB

Trichromacy



Original Color
31A38B



Protanomaly
729785



Deuteranomaly
77948E



Tritanomaly
3BA09F

Monochromacy



Original Color
31A38B



Achromatopsia
7E7E7E



Achromatomaly
628B83

CSS Examples

Text

The CSS property to change the color of the text to Hex 31A38B 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 #31A38B looks like.

```
.text, #text, p{  
    color:#31A38B  
}
```

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 #31A38B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31A38B
}
```

Border

The CSS property to change the border of an element to Hex 31A38B 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
#31A38B }
```

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

```
.border{ border-color:#31A38B }
```

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

Here you see how a box with a 4 pixel #31A38B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31A38B; -webkit-box-shadow:4px 4px  
4px 4px #31A38B; box-shadow:4px 4px 4px  
4px #31A38B }
```

Background

The CSS property to change the background color of an element to Hex 31A38B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31A38B }
```

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

```
.background{ background-color:#31A38B }
```

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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