

Converting Colors

Hex(31A38E)

Have a look what the booklet for
Hex(31A38E) contains.

Hex(31A38E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(31A38E)

Conversions

Conversions Part 1

Format	Color
Hex	31A38E
RGB	49, 163, 142
RGB Percent	19%, 64%, 56%
CMY	0.8078, 0.3608, 0.4431
CMYK	0.70, 0.00, 0.13, 0.36
HSL	169°, 54%, 42%
HSV	169°, 70%, 64%
XYZ	19.2463, 28.8003, 30.1358
YIQ	126.5200, -61.2030, -30.6990

Conversions

Conversions Part 2

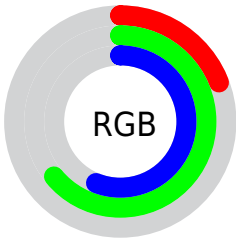
Format	Color
R_{YB}	49, 112, 163
Decimal	3253134
CIE _{Lab}	60.61, -36.58, 1.74
CIE _{LCh}	61, 36.624, 177.277
Yxy	28.8003, 0.2462, 0.3684
Android (android.graphics.Color)	4281443214 (0xFF31A38E)
YUV	126.5200, 7.6316, -67.9850
Hunter-Lab	53.6660, -29.8997, 4.2722

Details

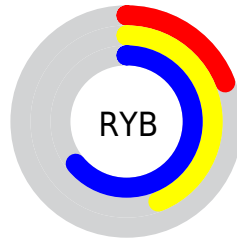
The Hex color **31A38E** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A33146**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **6FDBC4**, and **006E5C** is the 20% darker color. If you saturate the color by 10%, you get **21A38B**, and if you desaturate by 10%, it is **41A391**.

Distribution



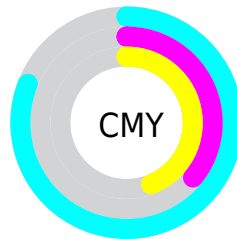
- Red (19%)
- Green (64%)
- Blue (56%)



- Red (19%)
- Yellow (44%)
- Blue (64%)



- Cyan (70%)
- Magenta (0%)
- Yellow (13%)
- Black (36%)



- Cyan (81%)
- Magenta (36%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 31A38E 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 31A38E by changing the saturation by 10% instead.



31A38E



31A38E

FFFFFF



008874



6FDBC4



006E5C



8CF7E0



005544



A9FFFC



003D2E



C6FFFF



00281A



E4FFFF



000400



000000



31A38E



31A38E



21A38B



41A391

■ 10A388

■ 52A394

■ 00A385

■ 62A397

■ 72A39A

■ 83A39D

■ 93A3A0

■ A3A3A3

■ B3A3A6

■ C4A3A9

Harmonies

Analogous

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



62A06E



31A38E



00A3AF

Triad

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



31A38E



918BCC



C3845D

Complementary

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



31A38E



A33146

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.



D07B76



31A38E



B87FB6

Square

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



31A38E



5B96D2



CD7996



A98F51

Rectangle

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



31A38E



00A0C1



CD7996



C98064

Sweetspot

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



31A38E



A7D4CB



48A331



506B66



EBEBEB



6B6B6B

Same Dimension

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



31A38E



22D4B3



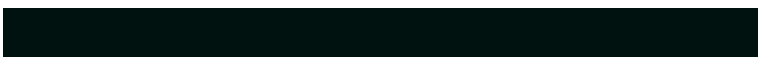
3181A3



495250



009177



00120F

Inverse Universe

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



A33146



D42243



A35331



52494B



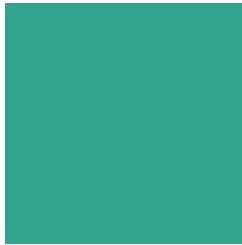
91001B



120003

Previews

White Background



This preview shows how the Hex color 31A38E looks on a white background.

Color Contrast Check

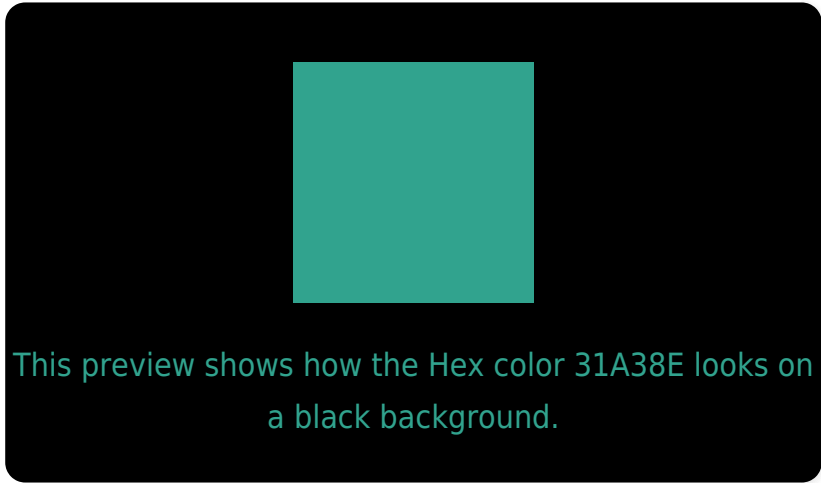
Large Text (above 18pt) WCAG AA ✓ Pass

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

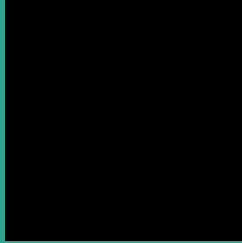
Any Text WCAG AA ✓ Pass

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 31A38E Background



This preview shows how black text looks on a background with the Hex color 31A38E.

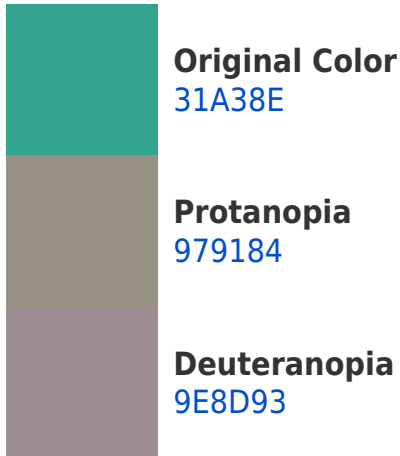


This preview shows how white text looks on a background with the Hex color 31A38E.

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](#).

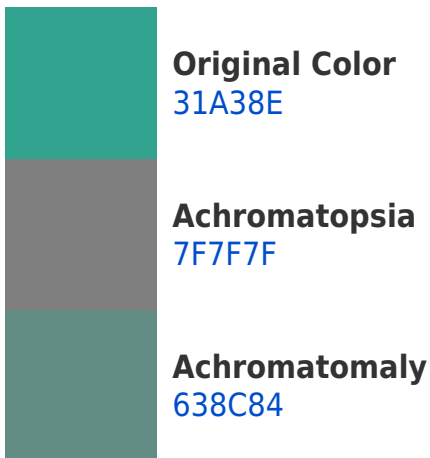
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 31A38E 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 #31A38E looks like.

```
.text, #text, p{  
    color:#31A38E  
}
```

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 #31A38E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31A38E
}
```

Border

The CSS property to change the border of an element to Hex 31A38E 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
#31A38E }
```

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

```
.border{ border-color:#31A38E }
```

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

Here you see how a box with a 4 pixel #31A38E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31A38E; -webkit-box-shadow:4px 4px  
4px 4px #31A38E; box-shadow:4px 4px 4px  
4px #31A38E }
```

Background

The CSS property to change the background color of an element to Hex 31A38E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31A38E }
```

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

```
.background{ background-color:#31A38E }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor