

Converting Colors

Hex(31A48E)

Have a look what the booklet for
Hex(31A48E) contains.

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Color

Hex(31A48E)

Conversions

Conversions Part 1

Format	Color
Hex	31A48E
RGB	49, 164, 142
RGB Percent	19%, 64%, 56%
CMY	0.8078, 0.3569, 0.4431
CMYK	0.70, 0.00, 0.13, 0.36
HSL	169°, 54%, 42%
HSV	169°, 70%, 64%
XYZ	19.4246, 29.1569, 30.1952
YIQ	127.1070, -61.4780, -31.2220

Conversions

Conversions Part 2

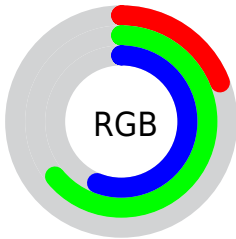
Format	Color
RYB	49, 113, 164
Decimal	3253390
CIELab	60.92, -37.04, 2.20
CIElCh	61, 37.101, 176.605
Yxy	29.1569, 0.2466, 0.3701
Android (android.graphics.Color)	4281443470 (0xFF31A48E)
YUV	127.1070, 7.3422, -68.4998
Hunter-Lab	53.9971, -30.2825, 4.6429

Details

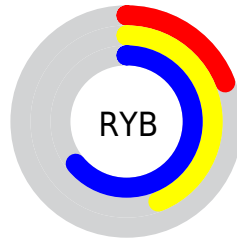
The Hex color **31A48E** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A43147**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **6FDCC4**, and **006F5C** is the 20% darker color. If you saturate the color by 10%, you get **21A48B**, and if you desaturate by 10%, it is **41A491**.

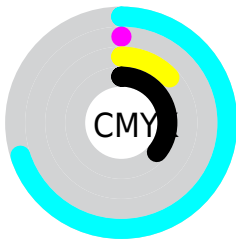
Distribution



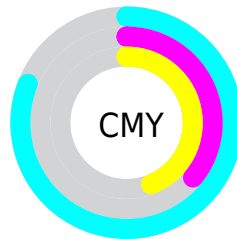
- Red (19%)
- Green (64%)
- Blue (56%)



- 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 31A48E 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 31A48E by changing the saturation by 10% instead.

 31A48E

 31A48E

FFFFFF

 008974

 6FDCC4

 006F5C

 8CF8E0

 005644

 A9FFFC

 003E2E

 C6FFFF

 00281A

 E4FFFF

 000600

 000000

 31A48E

 31A48E

 21A48B

 41A491

■ 10A488

■ 52A494

■ 00A485

■ 62A497

■ 73A49B

■ 83A49E

■ 93A4A1

■ A4A4A4

■ B4A4A7

■ C5A4AA

Harmonies

Analogous

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



63A16E



31A48E



00A4AF

Triad

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



31A48E



918CCE



C4845D

Complementary

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



31A48E



A43147

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.



D27B77



31A48E



B980B7

Square

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



31A48E



5997D4



CE7998



AB9051

Rectangle

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



31A48E



00A1C2



CE7998



CA8165

Sweetspot

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



31A48E



A9D6CE



48A431



506B66



EBEBEB



6B6B6B

Same Dimension

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



31A48E



22D6B4



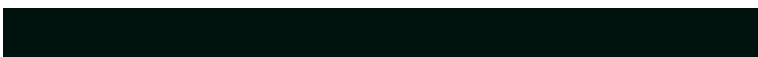
3181A4



495250



009176



00120E

Inverse Universe

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



A43147



D62245



A45331



52494B



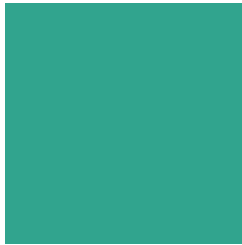
91001C



120003

Previews

White Background



This preview shows how the Hex color 31A48E looks on a white background.

Color Contrast Check

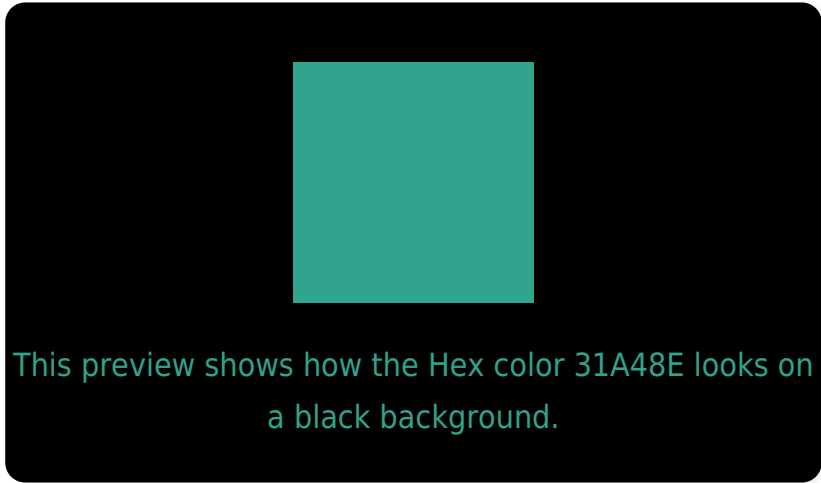
Large Text (above 18pt) WCAG AA ✓ Pass

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 31A48E Background



This preview shows how black text looks on a background with the Hex color 31A48E.

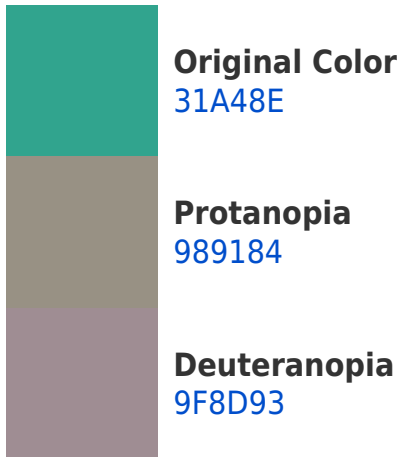


This preview shows how white text looks on a background with the Hex color 31A48E.

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



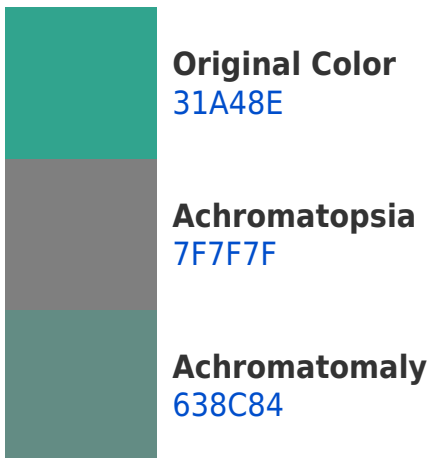


Tritanopia
40A0AD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 31A48E 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 #31A48E looks like.

```
.text, #text, p{  
    color:#31A48E  
}
```

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 #31A48E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31A48E
}
```

Border

The CSS property to change the border of an element to Hex 31A48E 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
#31A48E }
```

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

```
.border{ border-color:#31A48E }
```

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

Here you see how a box with a 4 pixel #31A48E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31A48E; -webkit-box-shadow:4px 4px  
4px 4px #31A48E; box-shadow:4px 4px 4px  
4px #31A48E }
```

Background

The CSS property to change the background color of an element to Hex 31A48E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31A48E }
```

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

```
.background{ background-color:#31A48E }
```

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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