

Converting Colors

Hex(31A4AA)

Have a look what the booklet for
Hex(31A4AA) contains.

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Color

Hex(31A4AA)

Conversions

Conversions Part 1

Format	Color
Hex	31A4AA
RGB	49, 164, 170
RGB Percent	19%, 64%, 67%
CMY	0.8078, 0.3569, 0.3333
CMYK	0.71, 0.04, 0.00, 0.33
HSL	183°, 55%, 43%
HSV	183°, 71%, 67%
XYZ	21.7978, 30.1062, 42.6924
YIQ	130.2990, -70.4660, -22.5140

Conversions

Conversions Part 2

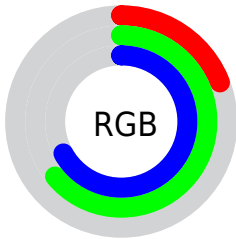
Format	Color
RYB	49, 108, 170
Decimal	3253418
CIELab	61.75, -29.06, -12.34
CIElCh	62, 31.571, 203.008
Yxy	30.1062, 0.2304, 0.3183
Android (android.graphics.Color)	4281443498 (0xFF31A4AA)
YUV	130.2990, 19.5726, -71.2992
Hunter-Lab	54.8691, -25.1084, -7.7239

Details

The Hex color **31A4AA** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **AA3731**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **71DBE1**, and **007076** is the 20% darker color. If you saturate the color by 10%, you get **20A3AA**, and if you desaturate by 10%, it is **42A5AA**.

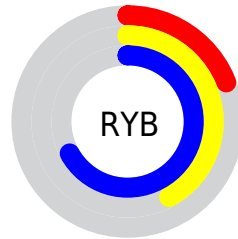
Distribution



Red (19%)

Green (64%)

Blue (67%)



Red (19%)

Yellow (42%)

Blue (67%)

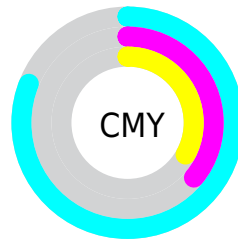


Cyan (71%)

Magenta (4%)

Yellow (0%)

Black (33%)



Cyan (81%)

Magenta (36%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 31A4AA 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 31A4AA by changing the saturation by 10% instead.



31A4AA



31A4AA

FFFFFF



008990



71DBE1



007076



8FF8FE



00575D



ACFFFF



003F46



CAFFFF



00292F



E8FFFF



000D1B



000000



31A4AA



31A4AA



20A3AA



42A5AA

0FA2AA

53A6AA

00A2AA

64A7AA

75A7AA

86A8AA

97A9AA

A8AAAA

B9ABAA

CAACAA

Harmonies

Analogous

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



4FA48D



31A4AA



39A1C1

Triad

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



31A4AA



B286B7



AE915E

Complementary

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



31A4AA



AA3731

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.



C3886A



31A4AA



C7809D

Square

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



31A4AA



8F90C8



CC8181



929A61

Rectangle

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



31A4AA



549CCA



CC8181



B68E60

Sweetspot

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



31A4AA



AFDCDE



31AA35



546F70



F0F0F0



707070

Same Dimension

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



31A4AA



21D4DE



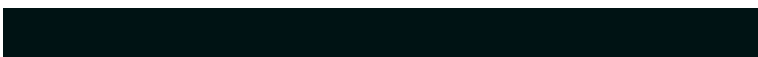
3169AA



4C5454



008D94



001314

Inverse Universe

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



AA31A4



DE21D4



AA7231



544C54



94008D



140013

Previews

White Background



This preview shows how the Hex color 31A4AA looks on a white background.

Color Contrast Check

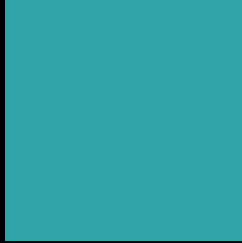
Large Text (above 18pt) WCAG AA × Fail

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 31A4AA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

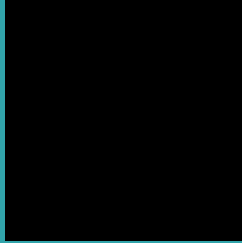
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex 31A4AA Background



This preview shows how black text looks on a background with the Hex color 31A4AA.

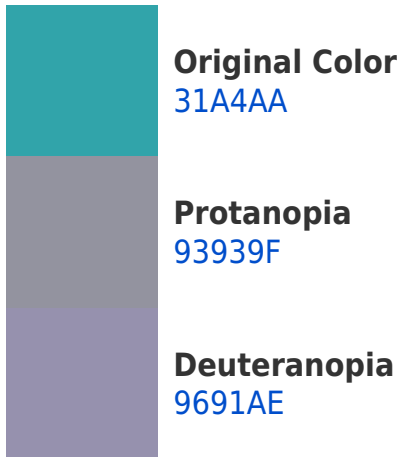


This preview shows how white text looks on a background with the Hex color 31A4AA.

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](#).

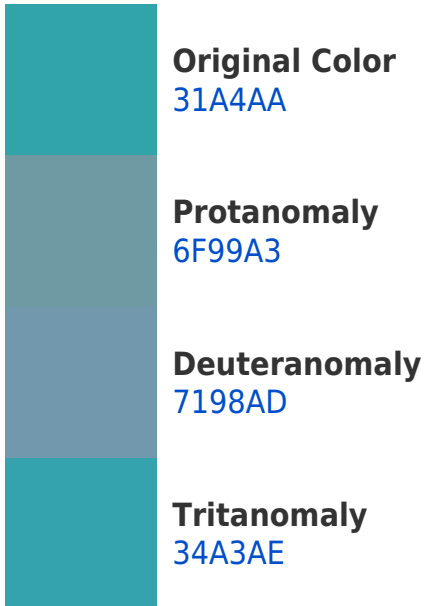
Dichromacy



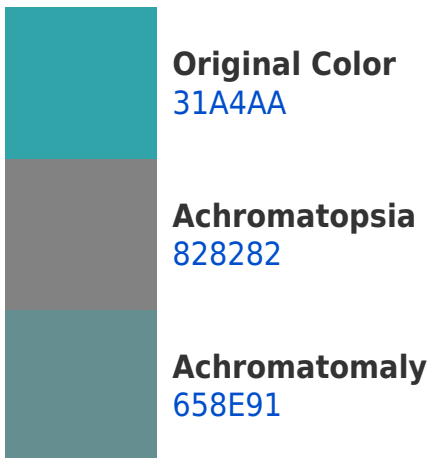


Tritanopia
35A3B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 31A4AA 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 #31A4AA looks like.

```
.text, #text, p{  
    color:#31A4AA  
}
```

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 #31A4AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31A4AA
}
```

Border

The CSS property to change the border of an element to Hex 31A4AA 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
#31A4AA }
```

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

```
.border{ border-color:#31A4AA }
```

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

Here you see how a box with a 4 pixel #31A4AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31A4AA; -webkit-box-shadow:4px 4px  
4px 4px #31A4AA; box-shadow:4px 4px 4px  
4px #31A4AA }
```

Background

The CSS property to change the background color of an element to Hex 31A4AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31A4AA }
```

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

```
.background{ background-color:#31A4AA }
```

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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