

Converting Colors

Hex(31A1AF)

Have a look what the booklet for
Hex(31A1AF) contains.

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Color

Hex(31A1AF)

Conversions

Conversions Part 1

Format	Color
Hex	31A1AF
RGB	49, 161, 175
RGB Percent	19%, 63%, 69%
CMY	0.8078, 0.3686, 0.3137
CMYK	0.72, 0.08, 0.00, 0.31
HSL	187°, 56%, 44%
HSV	187°, 72%, 69%
XYZ	21.7494, 29.2379, 45.0546
YIQ	129.1080, -71.2460, -19.3900

Conversions

Conversions Part 2

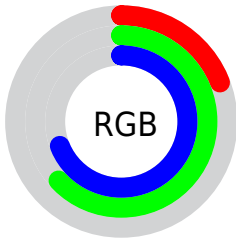
Format	Color
R _Y B	49, 108, 175
Decimal	3252655
CIE Lab	60.99, -26.03, -16.29
CIE LCh	61, 30.711, 212.040
Yxy	29.2379, 0.2265, 0.3044
Android (android.graphics.Color)	4281442735 (0xFF31A1AF)
YUV	129.1080, 22.6248, -70.2547
Hunter-Lab	54.0720, -22.8281, -11.5520




Details

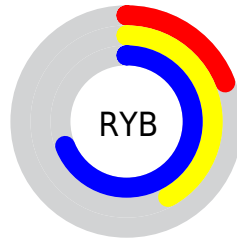
The Hex color **31A1AF** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **AF3F31**, and the grayscale version is **818181**.




A 20% lighter version of the original color is **71D8E7**, and **006D7B** is the 20% darker color. If you saturate the color by 10%, you get **209FAF**, and if you desaturate by 10%, it is **43A3AF**.

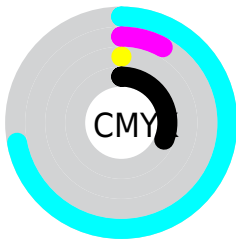
Distribution







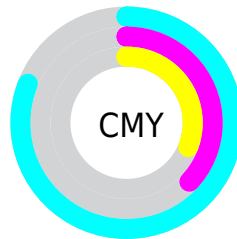
-  Red (19%)
-  Green (63%)
-  Blue (69%)






-  Red (19%)
-  Yellow (42%)
-  Blue (69%)



-  Cyan (72%)
-  Magenta (8%)
-  Yellow (0%)
-  Black (31%)



-  Cyan (81%)
-  Magenta (37%)
-  Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 31A1AF 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 31A1AF by changing the saturation by 10% instead.

■ 31A1AF

■ 31A1AF

FFFFFF

■ 008794

■ 71D8E7

■ 006D7B

■ 8FF5FF

■ 005462

■ ACFFFF

■ 003D4A

■ CAFFFF

■ 002733

■ E8FFFF

■ 00091F

■ 000002

■ 000000

■ 31A1AF

■ 31A1AF

■ 209FAF

■ 43A3AF

■ 0E9DAF

■ 54A5AF

■ 009CAF

■ 66A7AF

■ 77A9AF

■ 89ABAF

■ 9AADAf

■ ABAFAF

■ BDB1AF

■ CFB3AF

Harmonies

Analogous

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



46A294



31A1AF



469DC2

Triad

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



31A1AF



B783AD



A4925D

Complementary

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



31A1AF



AF3F31

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.



BA8964



31A1AF



C77E92

Square

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



31A1AF



998BC1



C78178



879A64

Rectangle

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



31A1AF



6298C8



C78178



AC8F5D

Sweetspot

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



31A1AF



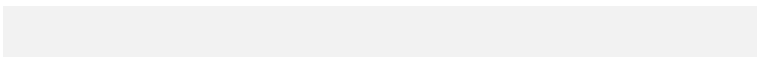
B1DDE3



31AF3E



556F73



F2F2F2



737373

Same Dimension

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



31A1AF



20CDE3



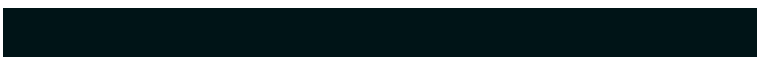
3163AF



4E5657



008696



001417

Inverse Universe

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



AF31A1



E320CD



AF7D31



574E56



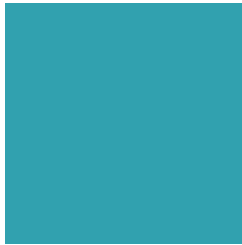
960086



170014

Previews

White Background



This preview shows how the Hex color 31A1AF looks on a white background.

Color Contrast Check

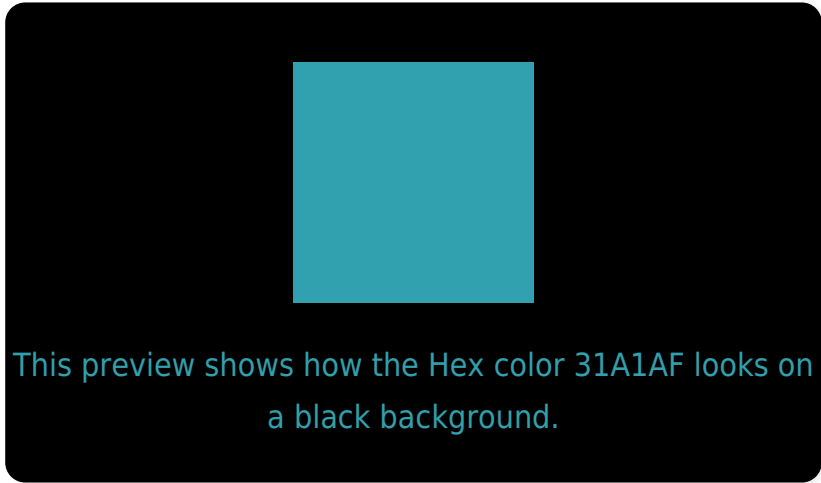
Large Text (above 18pt) WCAG AA ✓ Pass

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

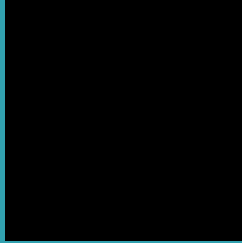
Any Text WCAG AA ✓ Pass

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 31A1AF Background



This preview shows how black text looks on a background with the Hex color 31A1AF.

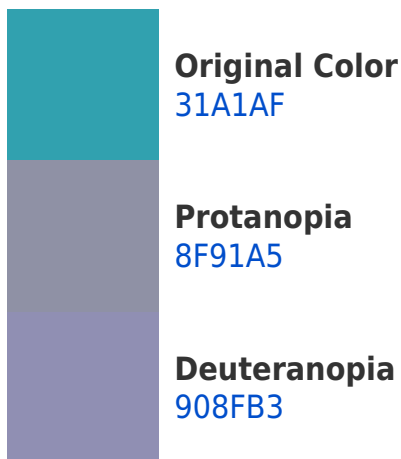


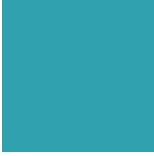
This preview shows how white text looks on a background with the Hex color 31A1AF.

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



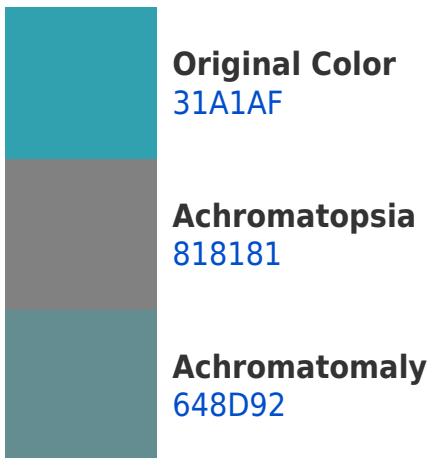


Tritanopia
30A1AE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 31A1AF 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 #31A1AF looks like.

```
.text, #text, p{  
    color:#31A1AF  
}
```

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 #31A1AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31A1AF
}
```

Border

The CSS property to change the border of an element to Hex 31A1AF 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
#31A1AF }
```

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

```
.border{ border-color:#31A1AF }
```

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

Here you see how a box with a 4 pixel #31A1AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31A1AF; -webkit-box-shadow:4px 4px  
4px 4px #31A1AF; box-shadow:4px 4px 4px  
4px #31A1AF }
```

Background

The CSS property to change the background color of an element to Hex 31A1AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31A1AF }
```

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

```
.background{ background-color:#31A1AF }
```

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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