

Converting Colors

Hex(31AEAF)

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

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Color

Hex(31AEAF)

Conversions

Conversions Part 1

Format	Color
Hex	31AEAF
RGB	49, 174, 175
RGB Percent	19%, 68%, 69%
CMY	0.8078, 0.3176, 0.3137
CMYK	0.72, 0.01, 0.00, 0.31
HSL	180°, 56%, 44%
HSV	180°, 72%, 69%
XYZ	24.1405, 34.0202, 45.8517
YIQ	136.7390, -74.8210, -26.1890

Conversions

Conversions Part 2

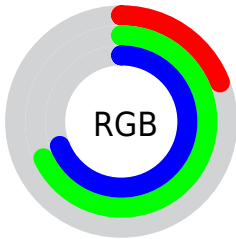
Format	Color
RYB	49, 112, 175
Decimal	3255983
CIELab	64.98, -32.40, -10.29
CIElCh	65, 33.996, 197.621
Yxy	34.0202, 0.2321, 0.3271
Android (android.graphics.Color)	4281446063 (0xFF31AEAF)
YUV	136.7390, 18.8627, -76.9471
Hunter-Lab	58.3269, -28.1937, -5.7800

Details

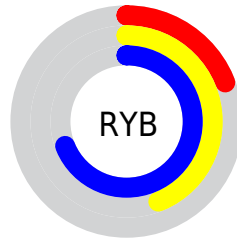
The Hex color **31AEAF** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **AF3231**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **73E6E6**, and **00797B** is the 20% darker color. If you saturate the color by 10%, you get **20AEAF**, and if you desaturate by 10%, it is **43AEAF**.

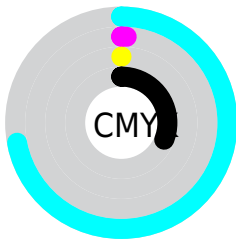
Distribution



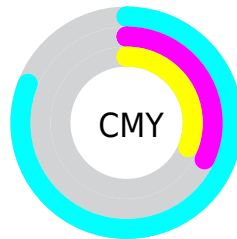
- Red (19%)
- Green (68%)
- Blue (69%)



- Red (19%)
- Yellow (44%)
- Blue (69%)



- Cyan (72%)
- Magenta (1%)
- Yellow (0%)
- Black (31%)




- Cyan (81%)
- Magenta (32%)
- Yellow (31%)

Brightness & Saturation Gradients

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

 31AEAF

 31AEAF

FFFFFF

 009394

 73E6E6

 00797B

 91FFFF

 006062

 AFFFFFFF

 00474A

 CDFFFF

 003034

 EBFFFF

 001B1E

 000004

 000000

 31AEAF

 31AEAF

■ 20AEAF

■ 43AEAF

■ 0EAEAF

■ 54AEAF

■ 00AEAF

■ 66AEAF

■ 77AEAF

■ 89AEAF

■ 9AAEAF

■ ABAEAF

■ BDAEAF

■ CFAEAF

Harmonies

Analogous

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



57AD90



31AEAF



2FABCA

Triad

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



31AEAF



B78FC7



BD9762

Complementary

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



31AEAF



AF3231

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.



D28D72



31AEAF



D188AC

Square

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



31AEAF



8F9AD7



DA878D



A0A163

Rectangle

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



31AEAF



4CA7D5



DA878D



C59466

Sweetspot

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



31AEAF



B1E3E3



31AF31



557373



F2F2F2



737373

Same Dimension

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



31AEAF



20E1E3



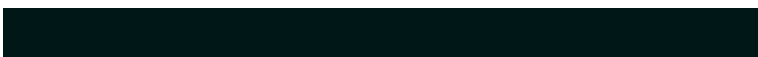
3170AF



4E5757



009596



001717

Inverse Universe

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



AF31AE



E320E1



AF7031



574E57



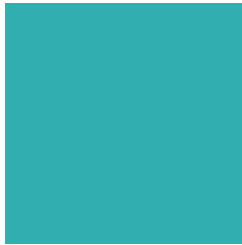
960095



170017

Previews

White Background



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

Color Contrast Check

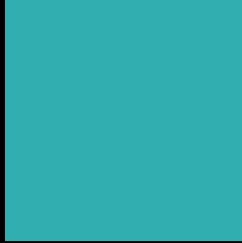
Large Text (above 18pt) WCAG AA × Fail

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 31AEAF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

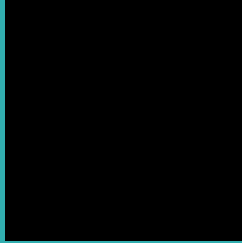
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

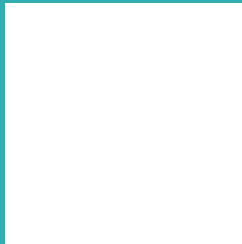
Any Text WCAG AAA ✓ Pass

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

Hex 31AEAF Background



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

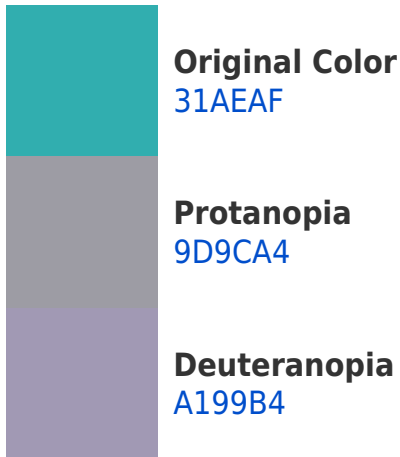


This preview shows how white text looks on a background with the Hex color 31AEAF.

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
38ACBA

Trichromacy



Original Color
31AEAF



Protanomaly
76A3A8



Deuteranomaly
78A1B2



Tritanomaly
35ADB6

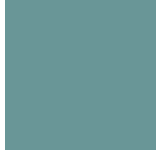
Monochromacy



Original Color
31AEAF



Achromatopsia
898989



Achromatomaly
699697

CSS Examples

Text

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

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

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 #31AEAF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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