

Converting Colors

Hex(31AA73)

Have a look what the booklet for
Hex(31AA73) contains.

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Color

Hex(31AA73)

Conversions

Conversions Part 1

Format	Color
Hex	31AA73
RGB	49, 170, 115
RGB Percent	19%, 67%, 45%
CMY	0.8078, 0.3333, 0.5490
CMYK	0.71, 0.00, 0.32, 0.33
HSL	153°, 55%, 43%
HSV	153°, 71%, 67%
XYZ	18.7359, 30.6402, 21.1463
YIQ	127.5510, -54.4610, -42.7570

Conversions

Conversions Part 2

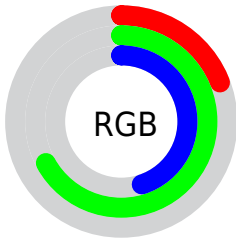
Format	Color
RYB	49, 127, 170
Decimal	3254899
CIELab	62.20, -46.09, 19.01
CIELCh	62, 49.855, 157.584
Yxy	30.6402, 0.2657, 0.4345
Android (android.graphics.Color)	4281444979 (0xFF31AA73)
YUV	127.5510, -6.1876, -68.8892
Hunter-Lab	55.3536, -36.4509, 16.0974

Details

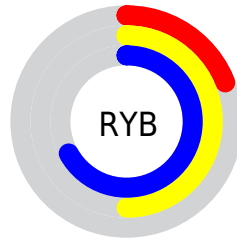
The Hex color **31AA73** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **AA3168**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **6FE2A7**, and **007542** is the 20% darker color. If you saturate the color by 10%, you get **20AA6B**, and if you desaturate by 10%, it is **42AA7B**.

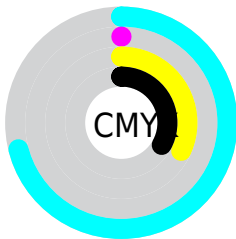
Distribution



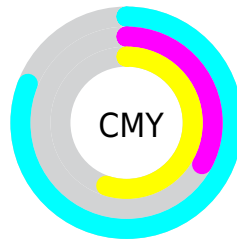
- Red (19%)
- Green (67%)
- Blue (45%)



- Red (19%)
- Yellow (50%)
- Blue (67%)



- Cyan (71%)
- Magenta (0%)
- Yellow (32%)
- Black (33%)



- Cyan (81%)
- Magenta (33%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 31AA73 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 31AA73 by changing the saturation by 10% instead.

 31AA73

 31AA73

FFFFFF

 008F5A

 6FE2A7

 007542

 8CFFC2

 005B2C

 A9FFDE

 004216

 C6FFFB

 002C00

 E4FFFF

 000E00

 000000

 31AA73

 31AA73

 20AA6B

 42AA7B

0FAA64

53AA82

00AA5D

64AA8A

75AA92

86AA9A

97AAA1

A8AAA9

B9AAB1

CAAAB9

Harmonies

Analogous

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



76A34D



31AA73



00ADA1

Triad

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



31AA73



5B97EE



E37863

Complementary

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



31AA73



AA3168

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.



E8708D



31AA73



A886DD

Square

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



31AA73



00A4E8



D576B9



CB8844

Rectangle

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



31AA73



00ACBE



D576B9



E77470

Sweetspot

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



31AA73



AFDEC9



69AA31



547063



F0F0F0



707070

Same Dimension

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



31AA73



21DE88



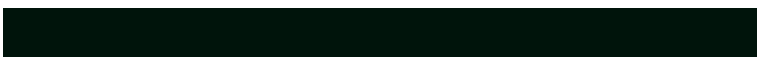
31A6AA



4C5450



009451



00140B

Inverse Universe

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



AA3168



DE2177



AA3531



544C50



940043



140009

Previews

White Background



This preview shows how the Hex color 31AA73 looks on a white background.

Color Contrast Check

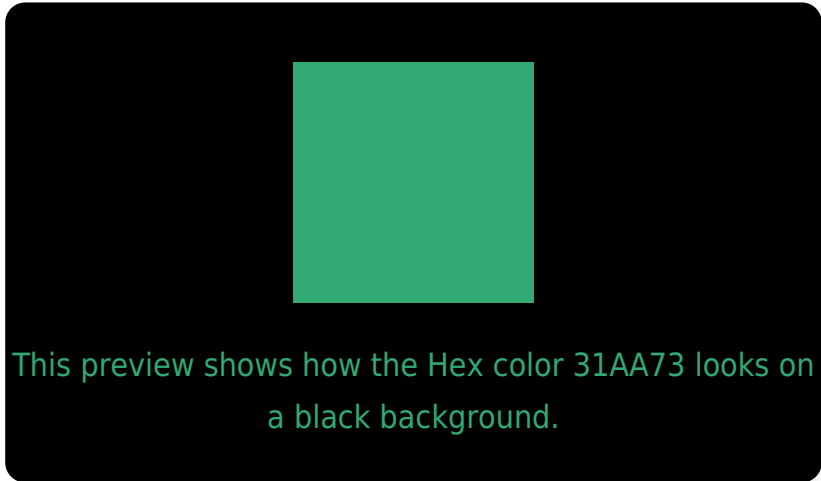
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

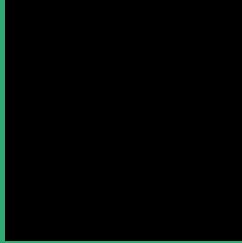
Any Text WCAG AA ✓ Pass

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 31AA73 Background



This preview shows how black text looks on a background with the Hex color 31AA73.

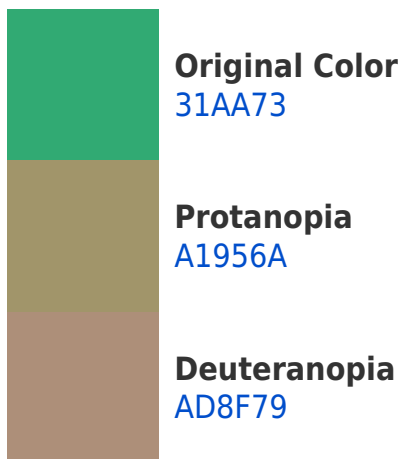


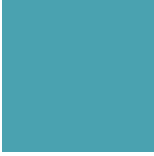
This preview shows how white text looks on a background with the Hex color 31AA73.

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
4AA2B0

Trichromacy



Original Color
31AA73



Protanomaly
789D6D



Deuteranomaly
809977



Tritanomaly
41A59A

Monochromacy



Original Color
31AA73



Achromatopsia
808080



Achromatomaly
638F7B

CSS Examples

Text

The CSS property to change the color of the text to Hex 31AA73 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 #31AA73 looks like.

```
.text, #text, p{  
    color:#31AA73  
}
```

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 #31AA73 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31AA73
}
```

Border

The CSS property to change the border of an element to Hex 31AA73 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
#31AA73 }
```

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

```
.border{ border-color:#31AA73 }
```

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

Here you see how a box with a 4 pixel #31AA73 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31AA73; -webkit-box-shadow:4px 4px  
4px 4px #31AA73; box-shadow:4px 4px 4px  
4px #31AA73 }
```

Background

The CSS property to change the background color of an element to Hex 31AA73 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31AA73 }
```

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

```
.background{ background-color:#31AA73 }
```

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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