

Converting Colors

Hex(30AE93)

Have a look what the booklet for
Hex(30AE93) contains.

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Color

Hex(30AE93)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 30AE93 |
| RGB | 48, 174, 147 |
| RGB Percent | 19%, 68%, 58% |
| CMY | 0.8118, 0.3176, 0.4235 |
| CMYK | 0.72, 0.00, 0.16, 0.32 |
| HSL | 167°, 57%, 44% |
| HSV | 167°, 72%, 68% |
| XYZ | 21.6214, 33.0071, 32.8352 |
| YIQ | 133.2480, -66.4290, -35.1090 |

Conversions

Conversions Part 2

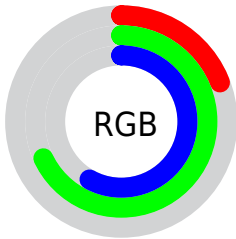
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 48, 119, 174 |
| Decimal | 3190419 |
| CIELab | 64.17, -40.32, 4.10 |
| CIElCh | 64, 40.530, 174.195 |
| Yxy | 33.0071, 0.2472, 0.3774 |
| Android (android.graphics.Color) | 4281380499 (0xFF30AE93) |
| YUV | 133.2480, 6.7797, -74.7625 |
| Hunter-Lab | 57.4518, -33.3638, 6.3305 |

Details

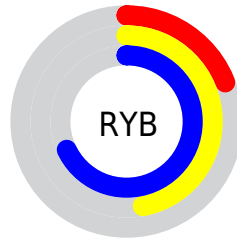
The Hex color **30AE93** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **AE304B**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **70E6C9**, and **007961** is the 20% darker color. If you saturate the color by 10%, you get **1FAE8F**, and if you desaturate by 10%, it is **41AE97**.

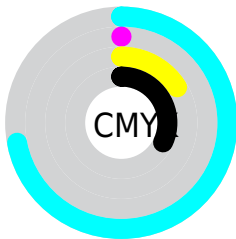
Distribution



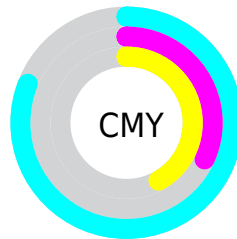
- Red (19%)
- Green (68%)
- Blue (58%)



- Red (19%)
- Yellow (47%)
- Blue (68%)



- Cyan (72%)
- Magenta (0%)
- Yellow (16%)
- Black (32%)



- Cyan (81%)
- Magenta (32%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 30AE93 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 30AE93 by changing the saturation by 10% instead.

 30AE93

 30AE93

FFFFFF

 009379

 70E6C9

 007961

 8EFFE5

 005F49

 ABFFFF

 004732

 C9FFFF

 002F1D

 E6FFFF

 001704

 000000

 30AE93

 30AE93

 1FAE8F

 41AE97

0DAE8C

53AE9A

00AE89

64AE9E

76AEA2

87AEA6

98AEA9

AAAEAD

BBAEB1

CDAEB5

Harmonies

Analogous

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



6AAA70



30AE93



00AEB8

Triad

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



30AE93



9495DD



D38A62

Complementary

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



30AE93



AE304B

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.



E18080



30AE93



C287C6

Square

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



30AE93



53A1E3



DC7FA4



B89753

Rectangle

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



30AE93



00ACCD



DC7FA4



DA866B

Sweetspot

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



30AE93



B1E3D8



4BAE30



55736C



F2F2F2



737373

Same Dimension

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



30AE93



1EE3B9



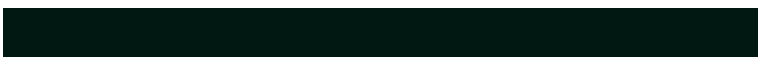
308AAE



4E5755



009676



001712

Inverse Universe

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



AE304B



E31E48



AE5430



574E50



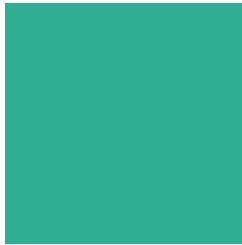
960020



170005

Previews

White Background



This preview shows how the Hex color 30AE93 looks on a white background.

Color Contrast Check

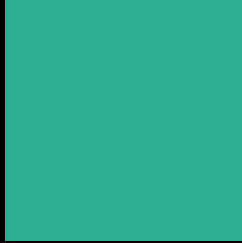
Large Text (above 18pt) WCAG AA × Fail

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 30AE93 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

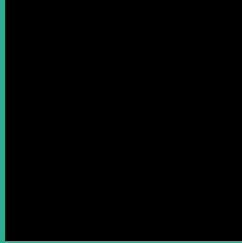
Any Text WCAG AA ✓ Pass

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 30AE93 Background



This preview shows how black text looks on a background with the Hex color 30AE93.

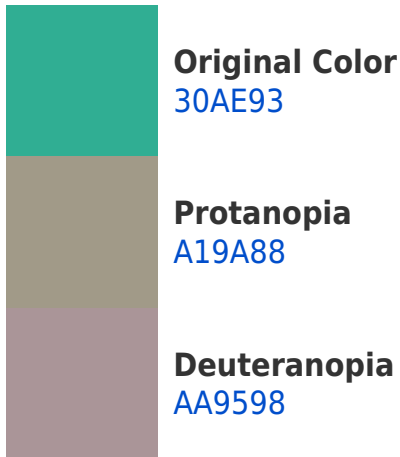


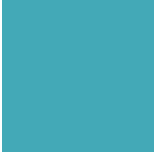
This preview shows how white text looks on a background with the Hex color 30AE93.

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](#).

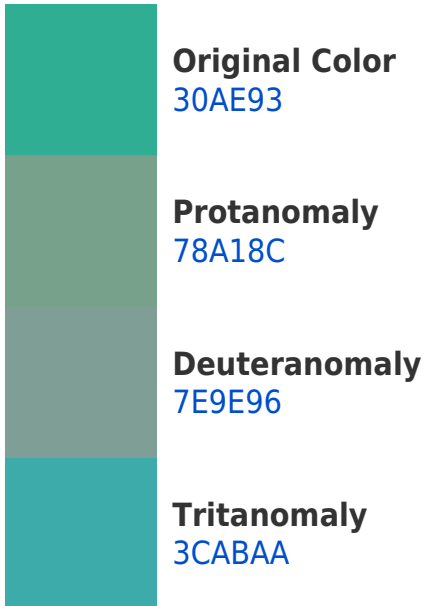
Dichromacy



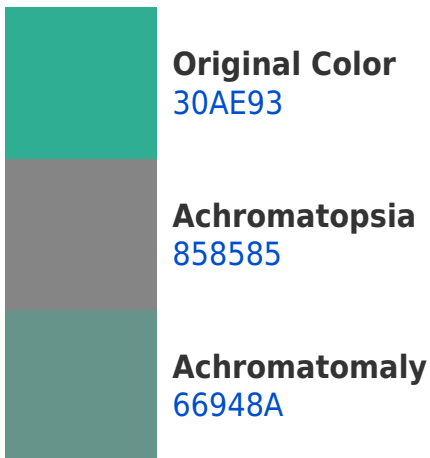


Tritanopia
43A9B7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 30AE93 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 #30AE93 looks like.

```
.text, #text, p{  
    color:#30AE93  
}
```

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 #30AE93 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30AE93
}
```

Border

The CSS property to change the border of an element to Hex 30AE93 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
#30AE93 }
```

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

```
.border{ border-color:#30AE93 }
```

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

Here you see how a box with a 4 pixel #30AE93 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30AE93; -webkit-box-shadow:4px 4px  
4px 4px #30AE93; box-shadow:4px 4px 4px  
4px #30AE93 }
```

Background

The CSS property to change the background color of an element to Hex 30AE93 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30AE93 }
```

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

```
.background{ background-color:#30AE93 }
```

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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