

Converting Colors

Hex(30AE6F)

Have a look what the booklet for
Hex(30AE6F) contains.

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Color

Hex(30AE6F)

Conversions

Conversions Part 1

Format	Color
Hex	30AE6F
RGB	48, 174, 111
RGB Percent	19%, 68%, 44%
CMY	0.8118, 0.3176, 0.5647
CMYK	0.72, 0.00, 0.36, 0.32
HSL	150°, 57%, 44%
HSV	150°, 72%, 68%
XYZ	19.2242, 32.0482, 20.2116
YIQ	129.1440, -54.8730, -46.3050

Conversions

Conversions Part 2

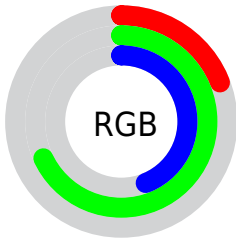
Format	Color
RYB	48, 132, 174
Decimal	3190383
CIELab	63.38, -48.67, 22.78
CIELCh	63, 53.734, 154.919
Yxy	32.0482, 0.2689, 0.4483
Android (android.graphics.Color)	4281380463 (0xFF30AE6F)
YUV	129.1440, -8.9450, -71.1633
Hunter-Lab	56.6111, -38.4537, 18.4597

Details

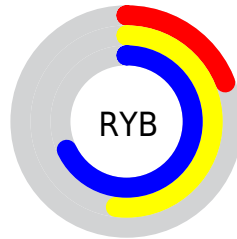
The Hex color **30AE6F** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **AE306F**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **6FE6A3**, and **00783F** is the 20% darker color. If you saturate the color by 10%, you get **1FAE66**, and if you desaturate by 10%, it is **41AE78**.

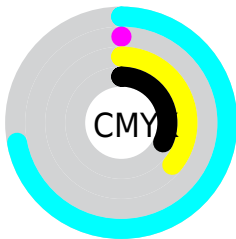
Distribution



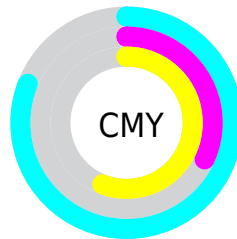
- Red (19%)
- Green (68%)
- Blue (44%)



- Red (19%)
- Yellow (52%)
- Blue (68%)



- Cyan (72%)
- Magenta (0%)
- Yellow (36%)
- Black (32%)



- Cyan (81%)
- Magenta (32%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 30AE6F 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 30AE6F by changing the saturation by 10% instead.

 30AE6F

 30AE6F

FFFFFF

 009356

 6FE6A3

 00783F

 8CFFBE

 005F28

 AAFFDA

 004612

 C7FFF7

 002F00

 E5FFFF

 001400

 000000

 30AE6F

 30AE6F

 1FAE66

 41AE78

0DAE5E

53AE80

00AE57

64AE89

76AE92

87AE9B

98AEA3

AAAEAC

BBAEB5

CDAEBD

Harmonies

Analogous

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



7BA647



30AE6F



00B1A0

Triad

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



30AE6F



499CF9



ED7765

Complementary

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



30AE6F



AE306F

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.



F16F93



30AE6F



A68AE8

Square

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



30AE6F



00A9EF



DA77C3



D48842

Rectangle

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



30AE6F



00B1C0



DA77C3



F17274

Sweetspot

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



30AE6F



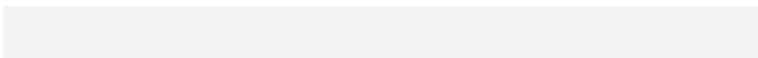
B1E3CA



6FAE30



557364



F2F2F2



737373

Same Dimension

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



30AE6F



1EE380



30AEAE



4E5752



00964B



00170B

Inverse Universe

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



AE306F



E31E80



AE3030



574E52



96004B



17000B

Previews

White Background



This preview shows how the Hex color 30AE6F looks on a white background.

Color Contrast Check

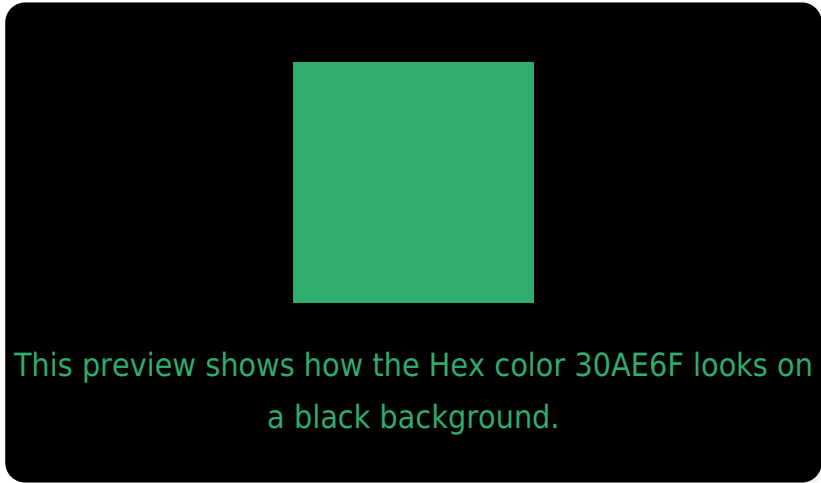
Large Text (above 18pt) WCAG AA × Fail

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

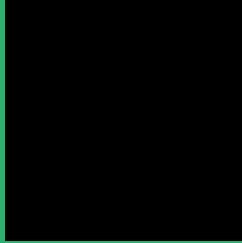
Any Text WCAG AA ✓ Pass

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 30AE6F Background



This preview shows how black text looks on a background with the Hex color 30AE6F.



This preview shows how white text looks on a background with the Hex color 30AE6F.

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](#).

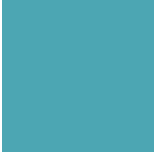
Dichromacy



Original Color
30AE6F

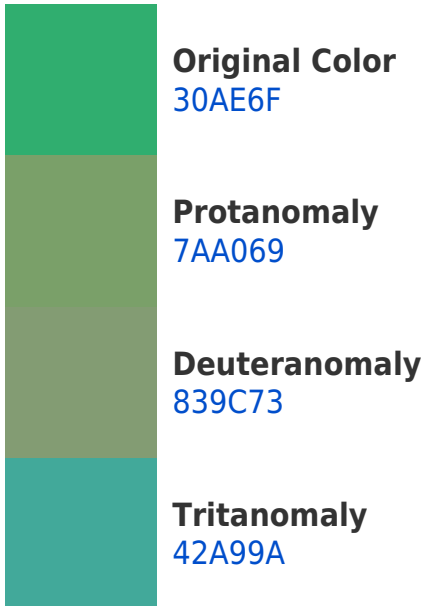
Protanopia
A59866

Deuteranopia
B39275

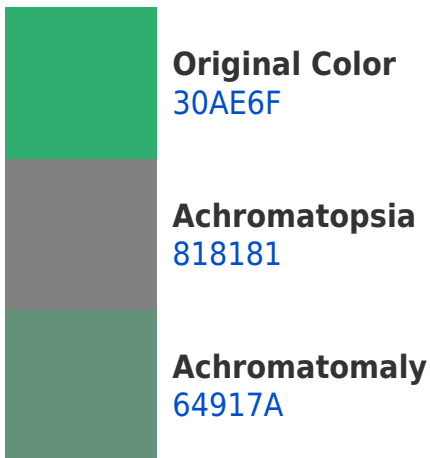


Tritanopia
4CA6B3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 30AE6F 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 #30AE6F looks like.

```
.text, #text, p{  
    color:#30AE6F  
}
```

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 #30AE6F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30AE6F
}
```

Border

The CSS property to change the border of an element to Hex 30AE6F 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
#30AE6F }
```

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

```
.border{ border-color:#30AE6F }
```

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

Here you see how a box with a 4 pixel #30AE6F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30AE6F; -webkit-box-shadow:4px 4px  
4px 4px #30AE6F; box-shadow:4px 4px 4px  
4px #30AE6F }
```

Background

The CSS property to change the background color of an element to Hex 30AE6F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30AE6F }
```

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

```
.background{ background-color:#30AE6F }
```

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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