

Converting Colors

Hex(31A766)

Have a look what the booklet for
Hex(31A766) contains.

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Color

Hex(31A766)

Conversions

Conversions Part 1

Format	Color
Hex	31A766
RGB	49, 167, 102
RGB Percent	19%, 65%, 40%
CMY	0.8078, 0.3451, 0.6000
CMYK	0.71, 0.00, 0.39, 0.35
HSL	147°, 55%, 42%
HSV	147°, 71%, 65%
XYZ	17.4836, 29.2497, 17.2946
YIQ	124.3080, -49.4630, -45.2310

Conversions

Conversions Part 2

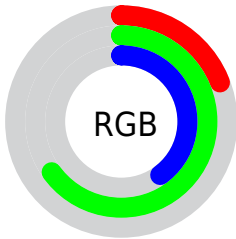
Format	Color
RYB	49, 130, 167
Decimal	3254118
CIELab	61.00, -47.54, 24.45
CIElCh	61, 53.461, 152.786
Yxy	29.2497, 0.2731, 0.4568
Android (android.graphics.Color)	4281444198 (0xFF31A766)
YUV	124.3080, -10.9978, -66.0451
Hunter-Lab	54.0830, -36.9409, 18.8984

Details

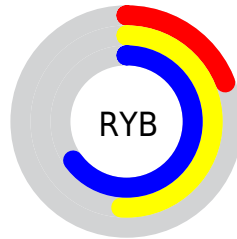
The Hex color **31A766** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **A73172**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **6EDF9A**, and **007236** is the 20% darker color. If you saturate the color by 10%, you get **20A75D**, and if you desaturate by 10%, it is **42A76F**.

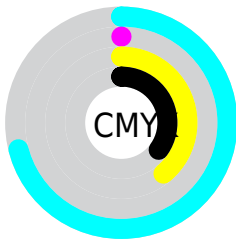
Distribution



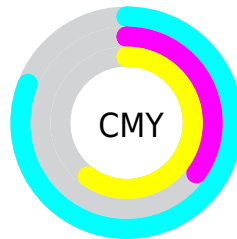
- Red (19%)
- Green (65%)
- Blue (40%)



- Red (19%)
- Yellow (51%)
- Blue (65%)



- Cyan (71%)
- Magenta (0%)
- Yellow (39%)
- Black (35%)



- Cyan (81%)
- Magenta (35%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 31A766 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 31A766 by changing the saturation by 10% instead.

 31A766

 31A766

FFFFFF

 008C4E

 6EDF9A

 007236

 8BFCE5

 005820

 A8FFD0

 004009

 C5FFED

 002B00

 E3FFFF

 000700

 000000

 31A766

 31A766

 20A75D

 42A76F

 10A754

 52A778

 00A74B

 63A782

 74A78B

 84A794

 95A79D

 A6A7A6

 B7A7B0

 C7A7B9

Harmonies

Analogous

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



799F3F



31A766



00AA96

Triad

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



31A766



3497F2



E67063

Complementary

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



31A766



A73172

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.



E86891



31A766



9B85E3

Square

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



31A766



00A3E7



D072BF



CF813E

Rectangle

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



31A766



00AAB6



D072BF



EA6C71

Sweetspot

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



31A766



ABD9C0



74A731



526E5F



EDEDED



6E6E6E

Same Dimension

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



31A766



21D973



31A79F



4C5450



009442



001409

Inverse Universe

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



A73172



D92186



A73139



544C50



940051



14000B

Previews

White Background



This preview shows how the Hex color 31A766 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



This preview shows how the Hex color 31A766 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

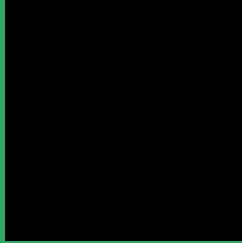
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 31A766 Background



This preview shows how black text looks on a background with the Hex color 31A766.

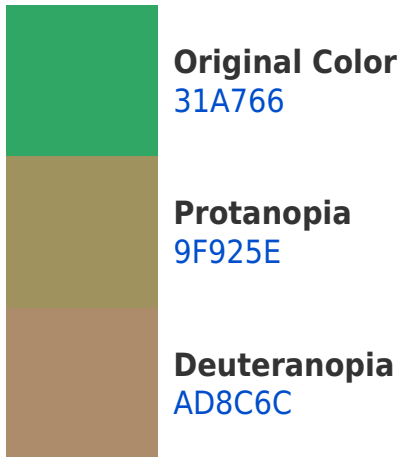


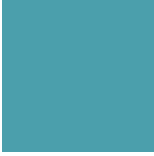
This preview shows how white text looks on a background with the Hex color 31A766.

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](#).

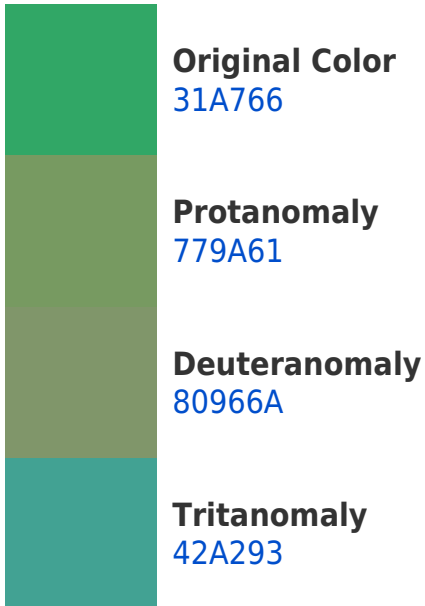
Dichromacy



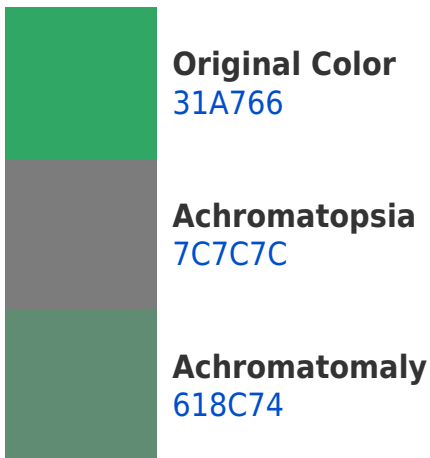


Tritanopia
4B9FAC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 31A766 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 #31A766 looks like.

```
.text, #text, p{  
    color:#31A766  
}
```

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 #31A766 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31A766
}
```

Border

The CSS property to change the border of an element to Hex 31A766 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
#31A766 }
```

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

```
.border{ border-color:#31A766 }
```

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

Here you see how a box with a 4 pixel #31A766 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31A766; -webkit-box-shadow:4px 4px  
4px 4px #31A766; box-shadow:4px 4px 4px  
4px #31A766 }
```

Background

The CSS property to change the background color of an element to Hex 31A766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31A766 }
```

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

```
.background{ background-color:#31A766 }
```

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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