

Converting Colors

Hex(3DA371)

Have a look what the booklet for
Hex(3DA371) contains.

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Color

Hex(3DA371)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 3DA371 |
| RGB | 61, 163, 113 |
| RGB Percent | 24%, 64%, 44% |
| CMY | 0.7608, 0.3608, 0.5569 |
| CMYK | 0.63, 0.00, 0.31, 0.36 |
| HSL | 151°, 46%, 44% |
| HSV | 151°, 63%, 64% |
| XYZ | 18.0023, 28.3787, 20.1516 |
| YIQ | 126.8020, -44.7420, -37.1740 |

Conversions

Conversions Part 2

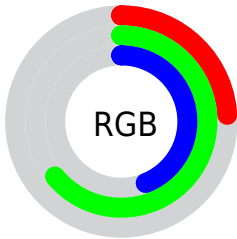
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 61, 129, 163 |
| Decimal | 4039537 |
| CIELab | 60.23, -41.43, 17.45 |
| CIElCh | 60, 44.957, 157.155 |
| Yxy | 28.3787, 0.2706, 0.4265 |
| Android (android.graphics.Color) | 4282229617 (0xFF3DA371) |
| YUV | 126.8020, -6.8044, -57.7084 |
| Hunter-Lab | 53.2717, -32.9043, 14.8620 |

Details

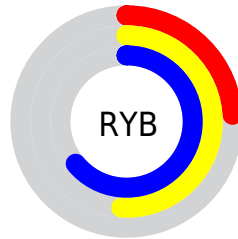
The Hex color **3DA371** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A33D6F**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **76DBA5**, and **006E41** is the 20% darker color. If you saturate the color by 10%, you get **2DA369**, and if you desaturate by 10%, it is **4DA379**.

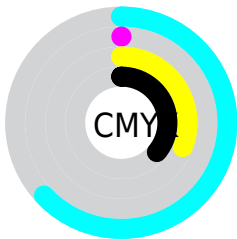
Distribution



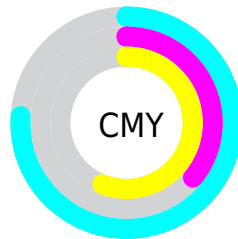
- Red (24%)
- Green (64%)
- Blue (44%)



- Red (24%)
- Yellow (51%)
- Blue (64%)



- Cyan (63%)
- Magenta (0%)
- Yellow (31%)
- Black (36%)



- Cyan (76%)
- Magenta (36%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3DA371 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 3DA371 by changing the saturation by 10% instead.



3DA371



3DA371

FFFFFF



1A8858



76DBA5



006E41



93F7C0



00552A



AFFFDC



003D15



CCFFF9



002800



E9FFFF



000200



000000



3DA371



3DA371



2DA369



4DA379

■ 1CA361

■ 5EA381

■ 0CA359

■ 6EA389

■ 00A353

■ 7EA391

■ 8FA399

■ 9FA3A1

■ AFA3A9

■ BFA3B1

■ D0A3B9

Harmonies

Analogous

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



759D50



3DA371



00A59A

Triad

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



3DA371



5E92E0



D77663

Complementary

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



3DA371



A33D6F

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.



DB7089



3DA371



A183D1

Square

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



3DA371



009EDA



CA75B1



C18448

Rectangle

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



3DA371



00A5B4



CA75B1



DB736F

Sweetspot

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



3DA371



ABD4C0



70A33D



526B5F



EBEBEB



6B6B6B

Same Dimension

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



3DA371



35D486



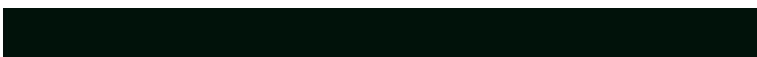
3DA3A3



49524E



00914A



001209

Inverse Universe

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



A33D6F



D43583



A33D3D



52494D



910047



120009

Previews

White Background



This preview shows how the Hex color 3DA371 looks on a white background.

Color Contrast Check

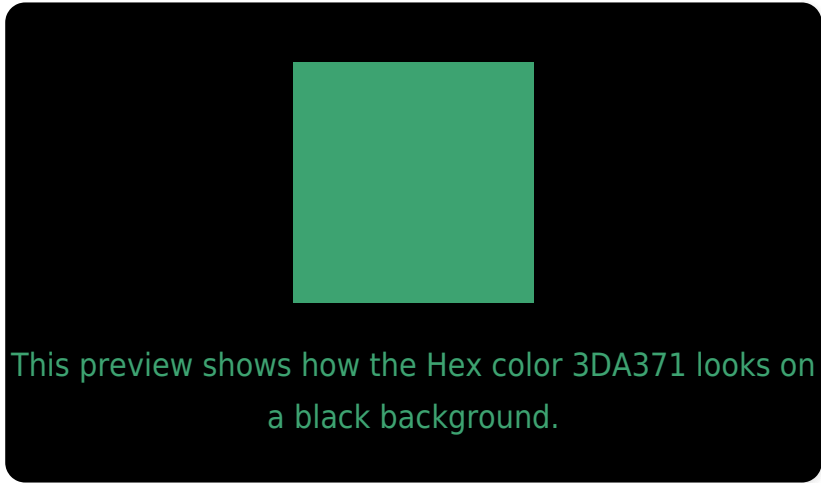
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 3DA371 Background



This preview shows how black text looks on a background with the Hex color 3DA371.

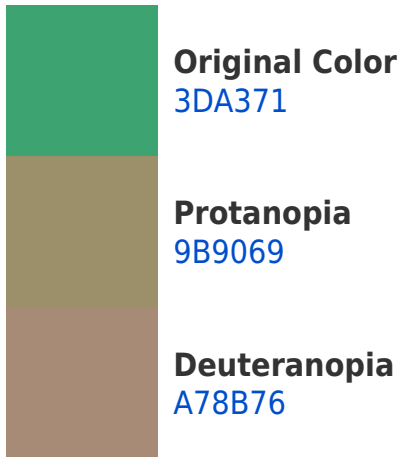


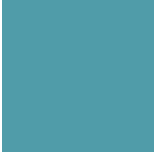
This preview shows how white text looks on a background with the Hex color 3DA371.

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
509CA9

Trichromacy



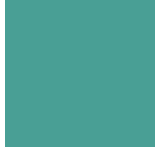
Original Color
3DA371



Protanomaly
79976C



Deuteranomaly
809474



Tritanomaly
499F95

Monochromacy



Original Color
3DA371



Achromatopsia
7F7F7F



Achromatomaly
678C7A

CSS Examples

Text

The CSS property to change the color of the text to Hex 3DA371 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 #3DA371 looks like.

```
.text, #text, p{  
    color:#3DA371  
}
```

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 #3DA371 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3DA371
}
```

Border

The CSS property to change the border of an element to Hex 3DA371 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
#3DA371 }
```

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

```
.border{ border-color:#3DA371 }
```

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

Here you see how a box with a 4 pixel #3DA371 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3DA371; -webkit-box-shadow:4px 4px  
4px 4px #3DA371; box-shadow:4px 4px 4px  
4px #3DA371 }
```

Background

The CSS property to change the background color of an element to Hex 3DA371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3DA371 }
```

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

```
.background{ background-color:#3DA371 }
```

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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