

Converting Colors

Hex(61B371)

Have a look what the booklet for
Hex(61B371) contains.

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Color

Hex(61B371)

Conversions

Conversions Part 1

Format	Color
Hex	61B371
RGB	97, 179, 113
RGB Percent	38%, 70%, 44%
CMY	0.6196, 0.2980, 0.5569
CMYK	0.46, 0.00, 0.37, 0.30
HSL	132°, 35%, 54%
HSV	132°, 46%, 70%
XYZ	24.0305, 35.9738, 21.2999
YIQ	146.9580, -27.6860, -37.9100

Conversions

Conversions Part 2

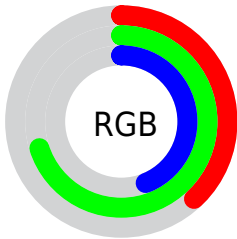
Format	Color
RYB	97, 166, 179
Decimal	6402929
CIELab	66.50, -39.44, 26.14
CIElCh	66, 47.316, 146.464
Yxy	35.9738, 0.2956, 0.4425
Android (android.graphics.Color)	4284593009 (0xFF61B371)
YUV	146.9580, -16.7413, -43.8132
Hunter-Lab	59.9782, -33.4451, 20.9292

Details

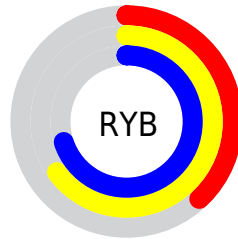
The Hex color **61B371** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **B361A3**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **98EBA5**, and **297E40** is the 20% darker color. If you saturate the color by 10%, you get **4FB363**, and if you desaturate by 10%, it is **73B37F**.

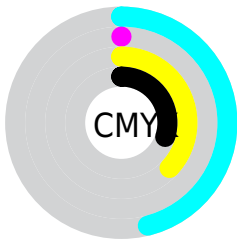
Distribution



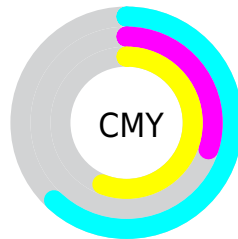
- Red (38%)
- Green (70%)
- Blue (44%)



- Red (38%)
- Yellow (65%)
- Blue (70%)



- Cyan (46%)
- Magenta (0%)
- Yellow (37%)
- Black (30%)




- Cyan (62%)
- Magenta (30%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 61B371 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 61B371 by changing the saturation by 10% instead.

 61B371

 61B371

FFFFFF

 469858

 98EBA5

 297E40

 B4FFC1

 006429

 D0FFDD

 004B13

 EDFFF9

 003400

 001F00

 000000

 61B371

 61B371

 4FB363

 73B37F

 3DB354

 85B38E

 2BB346

 97B39C

 19B337

 A9B3AB

 08B329

 BBB3B9

 00B323

 CCB3C7

 DEB3D6

 F0B3E4

 FFB3F3

Harmonies

Analogous

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



95AB53



61B371



00B79B

Triad

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



61B371



49A8F6



F1817E

Complementary

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



61B371



B361A3

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.



ED7FA9



61B371



9D99EE

Square

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



61B371



00B2E8



D288D1



E08E5C

Rectangle

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



61B371



00B7B8



D288D1



F27F8C

Sweetspot

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



61B371



C8E8CE



A4B361



617565



F5F5F5



757575

Same Dimension

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



61B371



68E881



61B399



505952



00991E



001A05

Inverse Universe

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



B361A3



E868CF



B3617B



595058



99007B



1A0015

Previews

White Background



This preview shows how the Hex color 61B371 looks on a white background.

Color Contrast Check

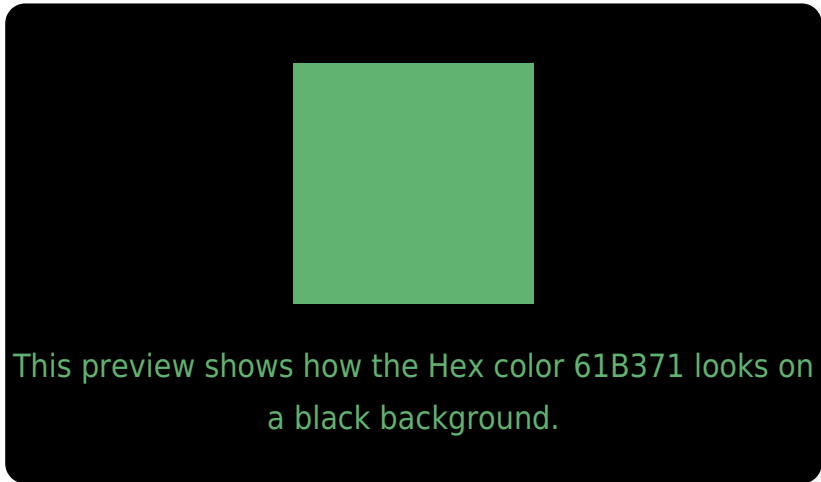
Large Text (above 18pt) WCAG AA × Fail

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

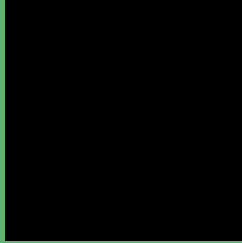
Any Text WCAG AA ✓ Pass

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 61B371 Background



This preview shows how black text looks on a background with the Hex color 61B371.

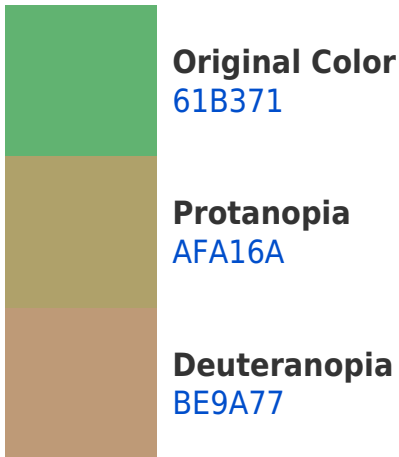


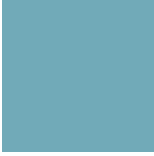
This preview shows how white text looks on a background with the Hex color 61B371.

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](#).

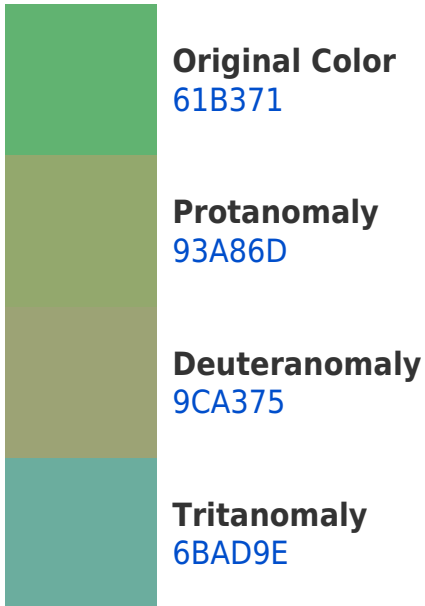
Dichromacy





Tritanopia
71AAB8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 61B371 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 #61B371 looks like.

```
.text, #text, p{  
    color:#61B371  
}
```

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 #61B371 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61B371
}
```

Border

The CSS property to change the border of an element to Hex 61B371 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
#61B371 }
```

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

```
.border{ border-color:#61B371 }
```

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

Here you see how a box with a 4 pixel #61B371 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61B371; -webkit-box-shadow:4px 4px  
4px 4px #61B371; box-shadow:4px 4px 4px  
4px #61B371 }
```

Background

The CSS property to change the background color of an element to Hex 61B371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61B371 }
```

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

```
.background{ background-color:#61B371 }
```

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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