

Converting Colors

Hex(61B071)

Have a look what the booklet for
Hex(61B071) contains.

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Color

Hex(61B071)

Conversions

Conversions Part 1

Format	Color
Hex	61B071
RGB	97, 176, 113
RGB Percent	38%, 69%, 44%
CMY	0.6196, 0.3098, 0.5569
CMYK	0.45, 0.00, 0.36, 0.31
HSL	132°, 33%, 54%
HSV	132°, 45%, 69%
XYZ	23.4357, 34.7843, 21.1016
YIQ	145.1970, -26.8610, -36.3410

Conversions

Conversions Part 2

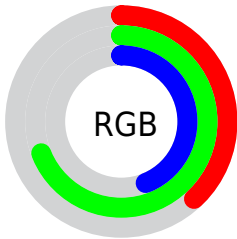
Format	Color
RYB	97, 163, 176
Decimal	6402161
CIELab	65.58, -38.11, 24.92
CIELCh	66, 45.529, 146.821
Yxy	34.7843, 0.2955, 0.4385
Android (android.graphics.Color)	4284592241 (0xFF61B071)
YUV	145.1970, -15.8731, -42.2688
Hunter-Lab	58.9782, -32.2827, 20.0716

Details

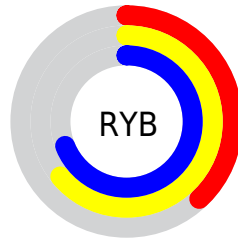
The Hex color **61B071** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **B061A0**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **97E8A5**, and **2A7B40** is the 20% darker color. If you saturate the color by 10%, you get **4FB063**, and if you desaturate by 10%, it is **73B07F**.

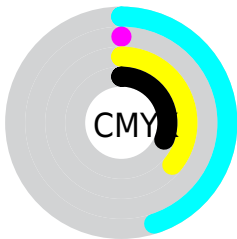
Distribution



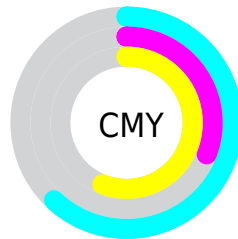
- Red (38%)
- Green (69%)
- Blue (44%)



- Red (38%)
- Yellow (64%)
- Blue (69%)



- Cyan (45%)
- Magenta (0%)
- Yellow (36%)
- Black (31%)



- Cyan (62%)
- Magenta (31%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 61B071 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 61B071 by changing the saturation by 10% instead.

 61B071

 61B071

FFFFFF

 469558

 97E8A5

 2A7B40

 B3FFC1

 046129

 D0FFDD

 004913

 EDFFF9

 003100

 001C00

 000000

 61B071

 61B071

 4FB063

 73B07F

 3EB055

 84B08D

 2CB047

 96B09B

 1BB039

 A7B0A9

 09B02B

 B9B0B7

 00B024

 CBB0C5

 DCB0D3

 EEB0E1

 FFB0EF

Harmonies

Analogous

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



93A854



61B071



00B499

Triad

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



61B071



4EA5F0



EC807D

Complementary

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



61B071



B061A0

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.



E87EA5



61B071



9C96E8

Square

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



61B071



00AFE3



CE87CC



DB8D5C

Rectangle

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



61B071



00B4B6



CE87CC



ED7E8A

Sweetspot

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



61B071



C8E6CE



A0B061



607364



F2F2F2



737373

Same Dimension

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



61B071



6AE683



61B098



505952



00991F



001A05

Inverse Universe

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



B061A0



E66ACC



B06179



595057



99007A



1A0014

Previews

White Background



This preview shows how the Hex color 61B071 looks on a white background.

Color Contrast Check

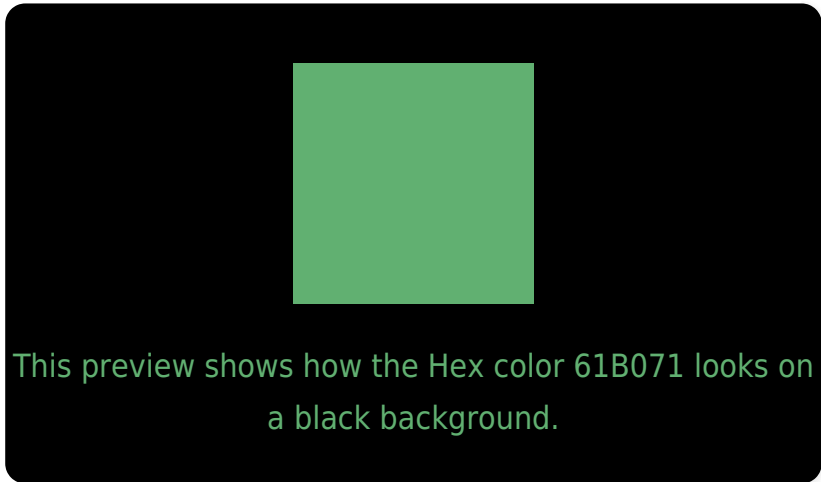
Large Text (above 18pt) WCAG AA × Fail

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

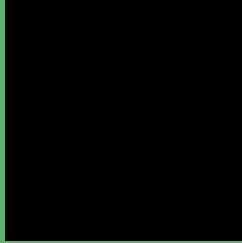
Any Text WCAG AA ✓ Pass

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 61B071 Background



This preview shows how black text looks on a background with the Hex color 61B071.

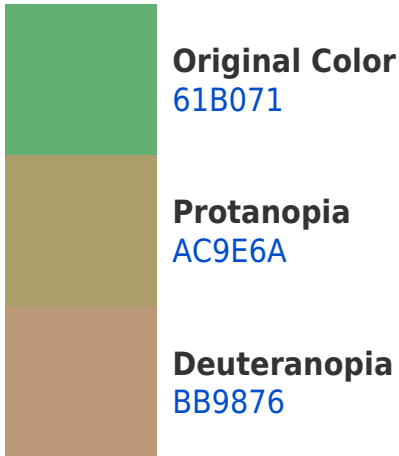


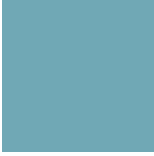
This preview shows how white text looks on a background with the Hex color 61B071.

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](#).

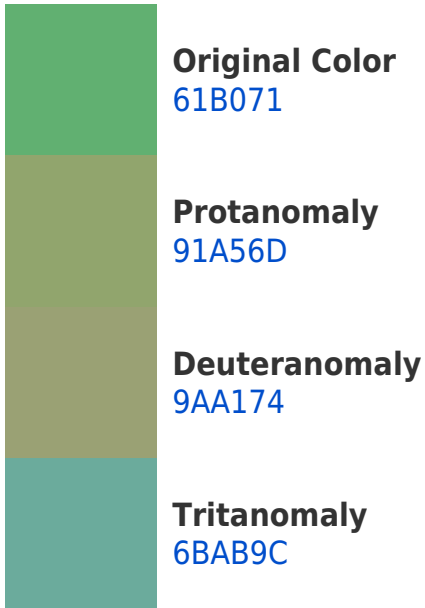
Dichromacy





Tritanopia
70A8B5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 61B071 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 #61B071 looks like.

```
.text, #text, p{  
    color:#61B071  
}
```

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 #61B071 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61B071
}
```

Border

The CSS property to change the border of an element to Hex 61B071 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
#61B071 }
```

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

```
.border{ border-color:#61B071 }
```

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

Here you see how a box with a 4 pixel #61B071 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61B071; -webkit-box-shadow:4px 4px  
4px 4px #61B071; box-shadow:4px 4px 4px  
4px #61B071 }
```

Background

The CSS property to change the background color of an element to Hex 61B071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61B071 }
```

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

```
.background{ background-color:#61B071 }
```

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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