

Converting Colors

Hex(61B16B)

Have a look what the booklet for
Hex(61B16B) contains.

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Color

Hex(61B16B)

Conversions

Conversions Part 1

Format	Color
Hex	61B16B
RGB	97, 177, 107
RGB Percent	38%, 69%, 42%
CMY	0.6196, 0.3059, 0.5804
CMYK	0.45, 0.00, 0.40, 0.31
HSL	128°, 34%, 54%
HSV	128°, 45%, 69%
XYZ	23.3057, 35.0472, 19.4464
YIQ	145.1000, -25.2100, -38.7300

Conversions

Conversions Part 2

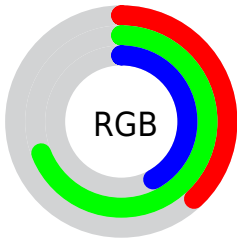
Format	Color
RYB	97, 168, 177
Decimal	6402411
CIELab	65.79, -39.57, 28.38
CIELCh	66, 48.695, 144.353
Yxy	35.0472, 0.2996, 0.4505
Android (android.graphics.Color)	4284592491 (0xFF61B16B)
YUV	145.1000, -18.7833, -42.1837
Hunter-Lab	59.2007, -33.3304, 21.9648

Details

The Hex color **61B16B** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **B161A7**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **98E99F**, and **297C3A** is the 20% darker color. If you saturate the color by 10%, you get **4FB15C**, and if you desaturate by 10%, it is **73B17A**.

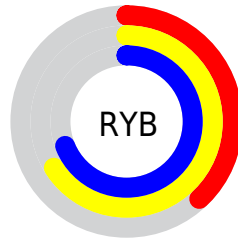
Distribution



Red (38%)

Green (69%)

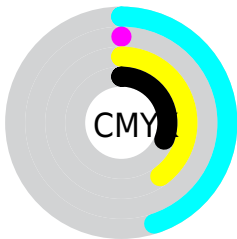
Blue (42%)



Red (38%)

Yellow (66%)

Blue (69%)

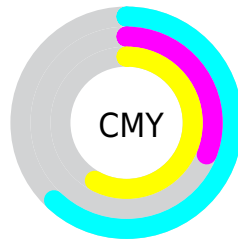


Cyan (45%)

Magenta (0%)

Yellow (40%)

Black (31%)



Cyan (62%)


Magenta (31%)


Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 61B16B 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 61B16B by changing the saturation by 10% instead.

 61B16B

 61B16B

FFFFFF

 469652

 98E99F

 297C3A

 B4FFBA

 026223

 D0FFD6

 004A0C


 EDFFF3

 003200

 001D00

 000000

 61B16B

 61B16B

 4FB15C

 73B17A

 3EB14C

 84B18A

 2CB13D

 96B199

 1AB12D

 A8B1A9

 08B11E

 BAB1B8

 00B116

 CBB1C8

 DDB1D7

 EFB1E7

 FFB1F6

Harmonies

Analogous

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



96A84D



61B16B



00B596

Triad

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



61B16B



35A7F6



F17D7E

Complementary

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



61B16B



B161A7

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.



EC7CAA



61B16B



9698EF

Square

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



61B16B



00B1E6



CE87D3



E18B5A

Rectangle

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



61B16B



00B6B4



CE87D3



F27B8C

Sweetspot

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



61B16B



C5E6C9



A8B161



5F7362



F2F2F2



737373

Same Dimension

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



61B16B



6AE679



61B192



505951



009913



001A03

Inverse Universe

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



B161A7



E66AD6



B16180



595058



990086



1A0016

Previews

White Background



This preview shows how the Hex color 61B16B looks on a white background.

Color Contrast Check

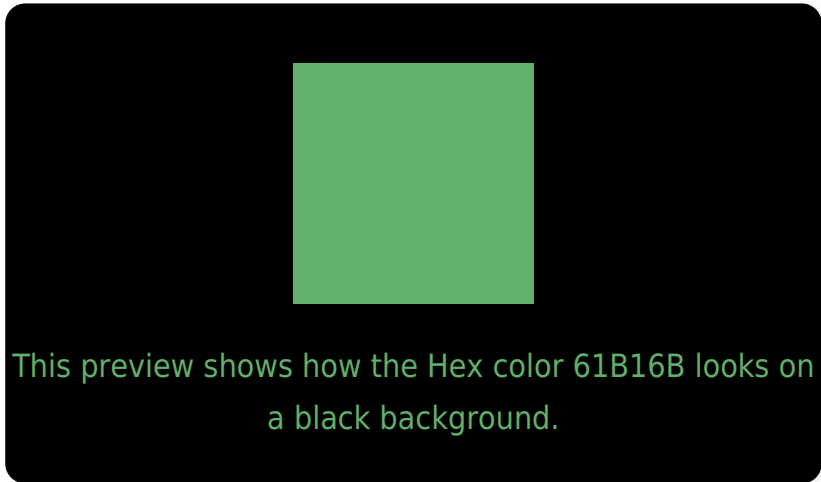
Large Text (above 18pt) WCAG AA × Fail

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

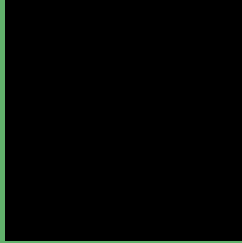
Any Text WCAG AA ✓ Pass

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 61B16B Background



This preview shows how black text looks on a background with the Hex color 61B16B.

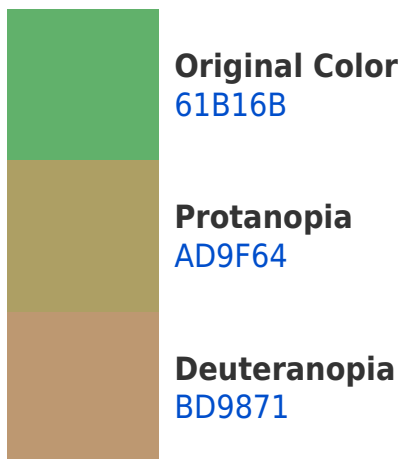


This preview shows how white text looks on a background with the Hex color 61B16B.

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](#).

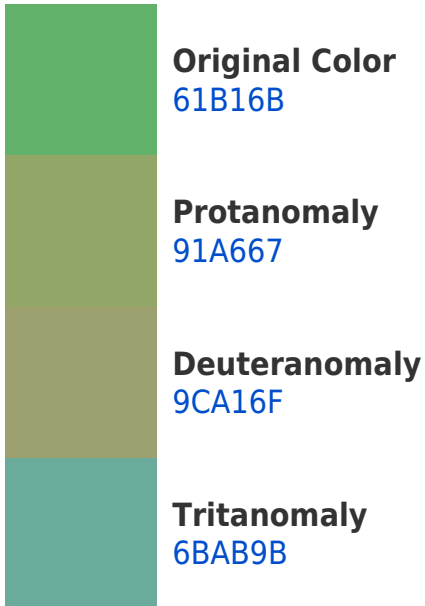
Dichromacy



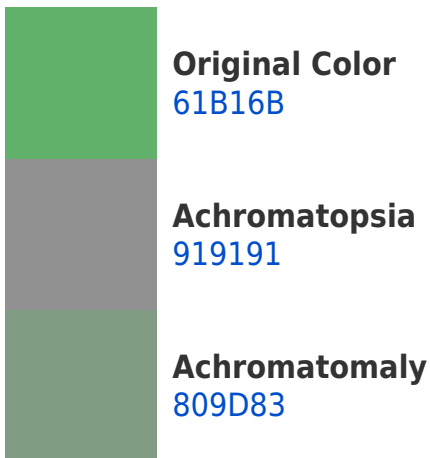


Tritanopia
71A8B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 61B16B 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 #61B16B looks like.

```
.text, #text, p{  
    color:#61B16B  
}
```

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 #61B16B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61B16B
}
```

Border

The CSS property to change the border of an element to Hex 61B16B 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
#61B16B }
```

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

```
.border{ border-color:#61B16B }
```

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

Here you see how a box with a 4 pixel #61B16B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61B16B; -webkit-box-shadow:4px 4px  
4px 4px #61B16B; box-shadow:4px 4px 4px  
4px #61B16B }
```

Background

The CSS property to change the background color of an element to Hex 61B16B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61B16B }
```

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

```
.background{ background-color:#61B16B }
```

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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