

Converting Colors

Hex(B1BF60)

Have a look what the booklet for
Hex(B1BF60) contains.

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Color

Hex(B1BF60)

Conversions

Conversions Part 1

Format	Color
Hex	B1BF60
RGB	177, 191, 96
RGB Percent	69%, 75%, 38%
CMY	0.3059, 0.2510, 0.6235
CMYK	0.07, 0.00, 0.50, 0.25
HSL	69°, 43%, 56%
HSV	69°, 50%, 75%
XYZ	38.8736, 47.4532, 18.1769
YIQ	175.9840, 22.1510, -32.5130

Conversions

Conversions Part 2

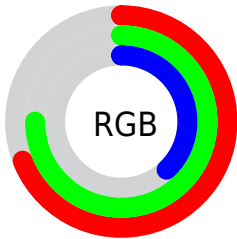
Format	Color
RYB	96, 191, 110
Decimal	11648864
CIELab	74.48, -18.85, 45.87
CIELCh	74, 49.596, 112.339
Yxy	47.4532, 0.3720, 0.4541
Android (android.graphics.Color)	4289838944 (0xFFB1BF60)
YUV	175.9840, -39.4321, 0.8910
Hunter-Lab	68.8863, -19.8208, 32.5757

Details

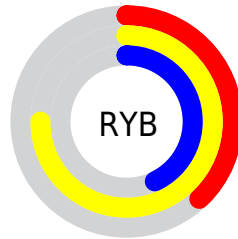
The Hex color **B1BF60** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **6E60BF**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **EAF795**, and **7A8A2D** is the 20% darker color. If you saturate the color by 10%, you get **AEBF4D**, and if you desaturate by 10%, it is **B4BF73**.

Distribution



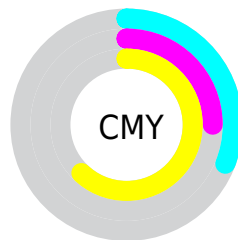
- Red (69%)
- Green (75%)
- Blue (38%)



- Red (38%)
- Yellow (75%)
- Blue (43%)



- Cyan (7%)
- Magenta (0%)
- Yellow (50%)
- Black (25%)



- Cyan (31%)
- Magenta (25%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color B1BF60 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 B1BF60 by changing the saturation by 10% instead.



B1BF60



B1BF60

FFFFFF



95A446



EAF795



7A8A2D



FFFFB0



607011



FFFCC



465800



FFFEE9



2E4000



142A00



001800



000000



B1BF60



B1BF60

 AEBF4D

 B4BF73

 ABBF3A

 B7BF86

 A9BF27

 B9BF99

 A6BF14

 BCBFAC

 A3BF01

 BFBFBF

 A3BF00

 C2BFD3

 C5BFE6

 C8BFF9

 CABFFF

Harmonies

Analogous

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



DDB15B



B1BF60



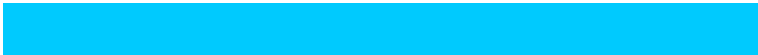
7BC97E

Triad

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



B1BF60



00CAFE



FF93C5

Complementary

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



B1BF60



6E60BF

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.



E59EEF



B1BF60



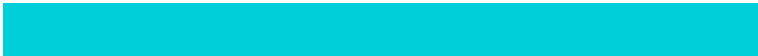
4CBFFF

Square

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



B1BF60



00CED8



A9B0FF



FF9497

Rectangle

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



B1BF60



4CCD9A



A9B0FF



FE95D4

Sweetspot

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



B1BF60



F2F7D2



BF6D60



7A7D66



FCFCFC



7D7D7D

Same Dimension

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



B1BF60



E1F763



83BF60



5D5E55



879E00



1A1F00

Inverse Universe

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



6E60BF



7963F7



9C60BF



56555E



17009E



05001F

Previews

White Background



This preview shows how the Hex color B1BF60 looks on a white background.

Color Contrast Check

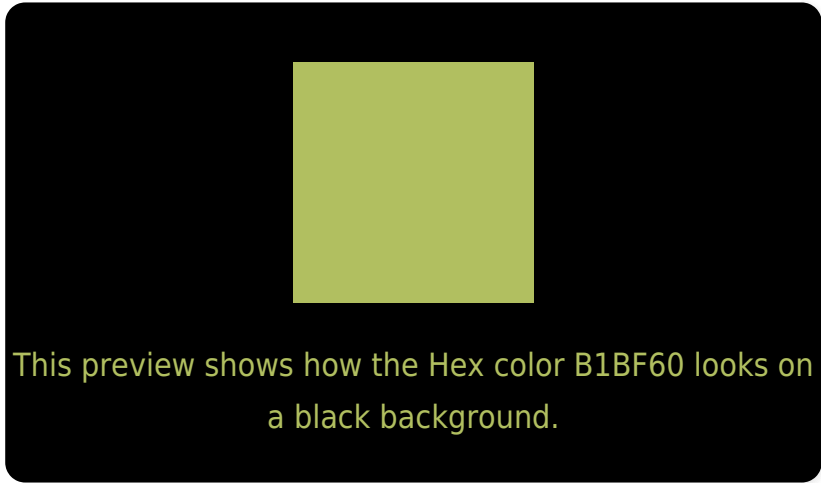
Large Text (above 18pt) WCAG AA × Fail

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 B1BF60 Background



This preview shows how black text looks on a background with the Hex color B1BF60.



This preview shows how white text looks on a background with the Hex color B1BF60.

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



Original Color
B1BF60

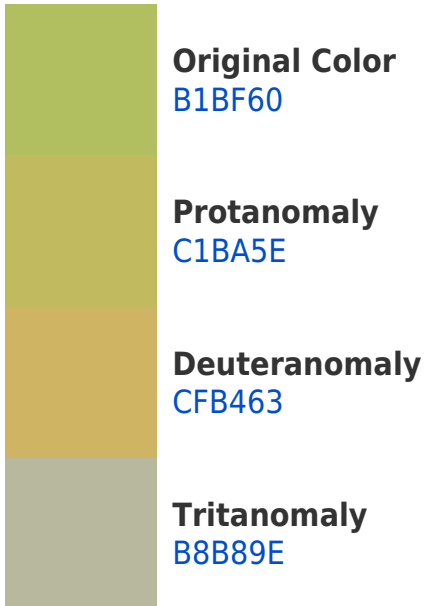
Protanopia
CAB75D

Deuteranopia
E0AE64

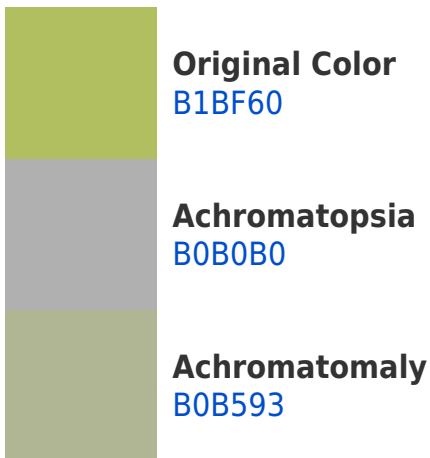


Tritanopia
BCB4C2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B1BF60 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 #B1BF60 looks like.

```
.text, #text, p{  
    color:#B1BF60  
}
```

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 #B1BF60 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1BF60
}
```

Border

The CSS property to change the border of an element to Hex B1BF60 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
#B1BF60 }
```

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

```
.border{ border-color:#B1BF60 }
```

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

Here you see how a box with a 4 pixel #B1BF60 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1BF60; -webkit-box-shadow:4px 4px  
4px 4px #B1BF60; box-shadow:4px 4px 4px  
4px #B1BF60 }
```

Background

The CSS property to change the background color of an element to Hex B1BF60 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1BF60 }
```

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

```
.background{ background-color:#B1BF60 }
```

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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