

Converting Colors

Hex(B2BF63)

Have a look what the booklet for
Hex(B2BF63) contains.

Hex(B2BF63)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B2BF63)

Conversions

Conversions Part 1

Format	Color
Hex	B2BF63
RGB	178, 191, 99
RGB Percent	70%, 75%, 39%
CMY	0.3020, 0.2510, 0.6118
CMYK	0.07, 0.00, 0.48, 0.25
HSL	68°, 42%, 57%
HSV	68°, 48%, 75%
XYZ	39.2430, 47.6274, 18.9291
YIQ	176.6250, 21.7840, -31.3680

Conversions

Conversions Part 2

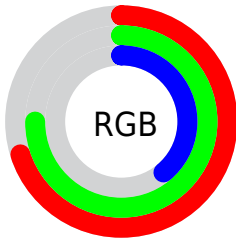
Format	Color
RYB	99, 191, 112
Decimal	11714403
CIELab	74.59, -18.16, 44.57
CIELCh	75, 48.122, 112.165
Yxy	47.6274, 0.3709, 0.4502
Android (android.graphics.Color)	4289904483 (0xFFB2BF63)
YUV	176.6250, -38.2691, 1.2059
Hunter-Lab	69.0126, -19.2707, 32.0465

Details

The Hex color **B2BF63** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **7063BF**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **EBF798**, and **7B8A30** is the 20% darker color. If you saturate the color by 10%, you get **AFBF50**, and if you desaturate by 10%, it is **B5BF76**.

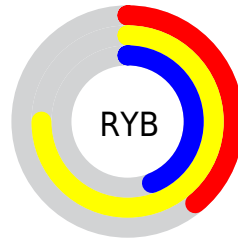
Distribution



Red (70%)

Green (75%)

Blue (39%)



Red (39%)

Yellow (75%)

Blue (44%)

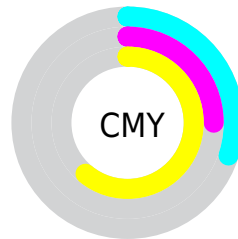


Cyan (7%)

Magenta (0%)

Yellow (48%)

Black (25%)



Cyan (30%)

Magenta (25%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color B2BF63 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 B2BF63 by changing the saturation by 10% instead.

 B2BF63

 B2BF63

FFFFFF

 96A44A

 EBF798

 7B8A30

 FFFFB3

 617016

 FFFFCF

 485800

 FFFFEC

 304000

 162A00

 001800

 000000

 B2BF63

 B2BF63

 AFBF50

 B5BF76

 ADBF3D

 B7BF89

 AABF2A

 BABF9C

 A7BF17

 BDBFAF

 A5BF03

 BFBFC3

 A4BF00

 C2BFD6

 C5BFE9

 C8BFFC

 CABFFF

Harmonies

Analogous

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



DDB15E



B2BF63



7EC97F

Triad

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



B2BF63



00CAFC



FF94C5

Complementary

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



B2BF63



7063BF

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.



E3A0EE



B2BF63



53C0FF

Square

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



B2BF63



00CED7



AAB0FF



FF9598

Rectangle

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



B2BF63



52CD9B



AAB0FF



FC97D4

Sweetspot

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



B2BF63



F2F7D5



BF6F63



7A7D68



FCFCFC



7D7D7D

Same Dimension

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



B2BF63



E3F768



85BF63



5D5E55



889E00



1A1F00

Inverse Universe

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



7063BF



7C68F7



9D63BF



56555E



16009E



04001F

Previews

White Background



This preview shows how the Hex color B2BF63 looks on a white background.

Color Contrast Check

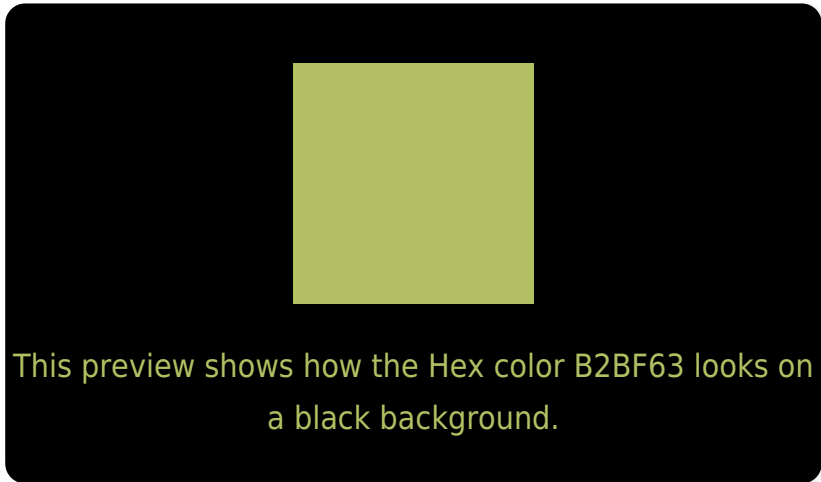
Large Text (above 18pt) WCAG AA × Fail

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 B2BF63 Background



This preview shows how black text looks on a background with the Hex color B2BF63.

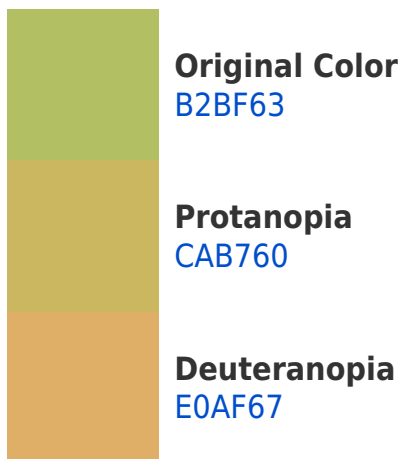



This preview shows how white text looks on a background with the Hex color B2BF63.

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](#).

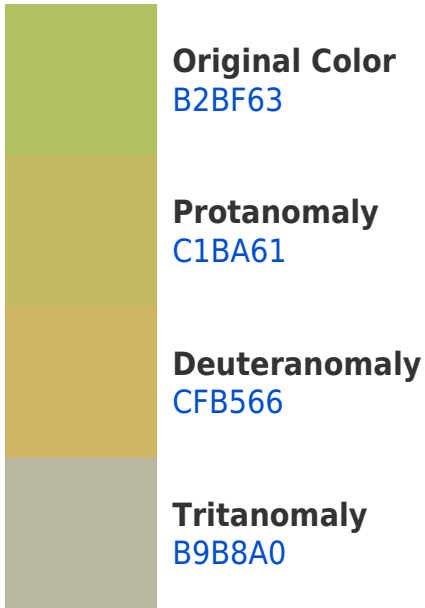
Dichromacy





Tritanopia
BDB4C3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B2BF63 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 #B2BF63 looks like.

```
.text, #text, p{  
    color:#B2BF63  
}
```

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 #B2BF63 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2BF63
}
```

Border

The CSS property to change the border of an element to Hex B2BF63 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
#B2BF63 }
```

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

```
.border{ border-color:#B2BF63 }
```

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

Here you see how a box with a 4 pixel #B2BF63 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2BF63; -webkit-box-shadow:4px 4px  
4px 4px #B2BF63; box-shadow:4px 4px 4px  
4px #B2BF63 }
```

Background

The CSS property to change the background color of an element to Hex B2BF63 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2BF63 }
```

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

```
.background{ background-color:#B2BF63 }
```

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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