

Converting Colors

Hex(B7BE50)

Have a look what the booklet for
Hex(B7BE50) contains.

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Color

Hex(B7BE50)

Conversions

Conversions Part 1

Format	Color
Hex	B7BE50
RGB	183, 190, 80
RGB Percent	72%, 75%, 31%
CMY	0.2824, 0.2549, 0.6863
CMYK	0.04, 0.00, 0.58, 0.25
HSL	64°, 46%, 53%
HSV	64°, 58%, 75%
XYZ	39.3899, 47.4734, 14.6766
YIQ	175.3670, 31.1380, -35.6940

Conversions

Conversions Part 2

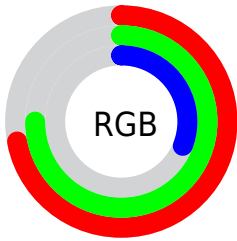
Format	Color
RYB	80, 190, 87
Decimal	12041808
CIELab	74.49, -17.27, 53.47
CIELCh	74, 56.194, 107.899
Yxy	47.4734, 0.3879, 0.4675
Android (android.graphics.Color)	4290231888 (0xFFB7BE50)
YUV	175.3670, -47.0159, 6.6941
Hunter-Lab	68.9009, -18.5302, 35.6013

Details

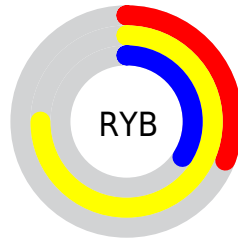
The Hex color **B7BE50** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **5750BE**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **F1F685**, and **7F8919** is the 20% darker color. If you saturate the color by 10%, you get **B6BE3D**, and if you desaturate by 10%, it is **B8BE63**.

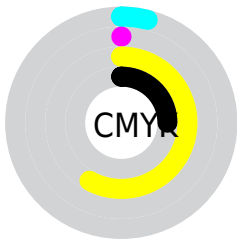
Distribution



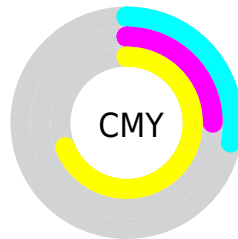
- Red (72%)
- Green (75%)
- Blue (31%)



- Red (31%)
- Yellow (75%)
- Blue (34%)



- Cyan (4%)
- Magenta (0%)
- Yellow (58%)
- Black (25%)



- Cyan (28%)
- Magenta (25%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color B7BE50 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 B7BE50 by changing the saturation by 10% instead.

 B7BE50

 B7BE50

FFFFFF

 9BA336

 F1F685

 7F8919

 FFFFA0

 646F00

 FFFFBC

 4A5700

 FFFFD9

 314000

 FFFFF6

 172A00

 001700

 000000

 B7BE50

 B7BE50

 B6BE3D

 B8BE63

 B5BE2A

 B9BE76

 B3BE17

 BBBE89

 B2BE04

 BCBE9C

 B2BE00

 BDBEAF

 BEBEC2

 BFBED5

 C1BEE8

 C2BEFB

Harmonies

Analogous

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



E7AD4F



B7BE50



7BCA6F

Triad

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



B7BE50



00CDFE



FF8DCE

Complementary

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



B7BE50



5750BE

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.



E29DFD



B7BE50



00C3FF

Square

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



B7BE50



00D1D5



97B2FF



FF8C9A

Rectangle

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



B7BE50



42CE8E



97B2FF



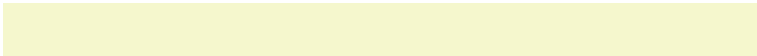
FF91DF

Sweetspot

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



B7BE50



F5F7CD



BE5650



7B7D64



FCFCFC



7D7D7D

Same Dimension

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



B7BE50



ECF74D



81BE50



5E5E55



949E00



1D1F00

Inverse Universe

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



5750BE



584DF7



8D50BE



56555E



0A009E



02001F

Previews

White Background



This preview shows how the Hex color B7BE50 looks on a white background.

Color Contrast Check

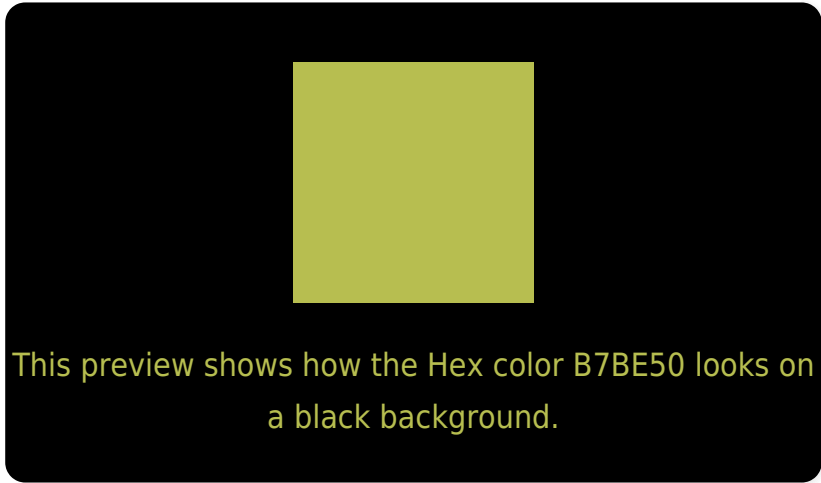
Large Text (above 18pt) WCAG AA × Fail

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 B7BE50 Background



This preview shows how black text looks on a background with the Hex color B7BE50.



This preview shows how white text looks on a background with the Hex color B7BE50.

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
B7BE50

Protanopia
CCB74E

Deuteranopia
E2AE54



Tritanopia
C2B2C0

Trichromacy



Original Color
B7BE50

Protanomaly
C4BA4F

Deuteranomaly
D2B453

Tritanomaly
BEB697

Monochromacy



Original Color
B7BE50

Achromatopsia
AFAFAF

Achromatomaly
B2B48C

CSS Examples

Text

The CSS property to change the color of the text to Hex B7BE50 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 #B7BE50 looks like.

```
.text, #text, p{  
    color:#B7BE50  
}
```

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 #B7BE50 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7BE50
}
```

Border

The CSS property to change the border of an element to Hex B7BE50 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
#B7BE50 }
```

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

```
.border{ border-color:#B7BE50 }
```

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

Here you see how a box with a 4 pixel #B7BE50 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7BE50; -webkit-box-shadow:4px 4px  
4px 4px #B7BE50; box-shadow:4px 4px 4px  
4px #B7BE50 }
```

Background

The CSS property to change the background color of an element to Hex B7BE50 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7BE50 }
```

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

```
.background{ background-color:#B7BE50 }
```

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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