

Converting Colors

Hex(B7B530)

Have a look what the booklet for
Hex(B7B530) contains.

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Color

Hex(B7B530)

Conversions

Conversions Part 1

Format	Color
Hex	B7B530
RGB	183, 181, 48
RGB Percent	72%, 71%, 19%
CMY	0.2824, 0.2902, 0.8118
CMYK	0.00, 0.01, 0.74, 0.28
HSL	59°, 58%, 45%
HSV	59°, 74%, 72%
XYZ	36.5858, 43.3284, 9.2313
YIQ	166.4360, 43.8850, -40.9390

Conversions

Conversions Part 2

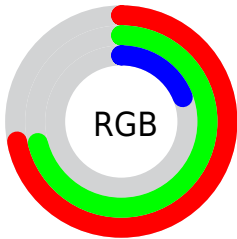
Format	Color
RYB	50, 183, 48
Decimal	12039472
CIELab	71.78, -14.64, 63.48
CIELCh	72, 65.144, 102.983
Yxy	43.3284, 0.4104, 0.4860
Android (android.graphics.Color)	4290229552 (0xFFB7B530)
YUV	166.4360, -58.3889, 14.5266
Hunter-Lab	65.8243, -15.9805, 37.7622

Details

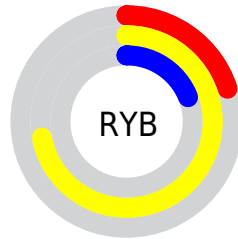
The Hex color **B7B530** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **3032B7**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **F2ED68**, and **7E8000** is the 20% darker color. If you saturate the color by 10%, you get **B7B51E**, and if you desaturate by 10%, it is **B7B542**.

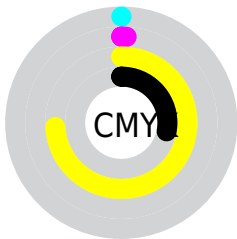
Distribution



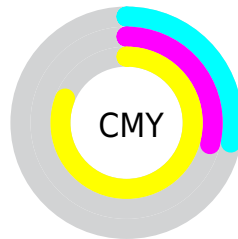
- Red (72%)
- Green (71%)
- Blue (19%)



- Red (20%)
- Yellow (72%)
- Blue (19%)



- Cyan (0%)
- Magenta (1%)
- Yellow (74%)
- Black (28%)



- Cyan (28%)
- Magenta (29%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color B7B530 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 B7B530 by changing the saturation by 10% instead.

 B7B530

 B7B530

FFFFFF

 9A9A0A

 F2ED68

 7E8000

 FFFF83

 636800

 FFFF9F

 485000

 FFFFBB

 2E3900

 FFFFD8

 152300

 FFFFF5

 000C00

 000000

 B7B530

 B7B530

 B7B51E

 B7B542

 B7B40B

 B7B655

 B7B400

 B7B667

 B7B679

 B7B68C

 B7B79E

 B7B7B0

 B7B7C2

 B7B7D5

Harmonies

Analogous

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



EBA138



B7B530



74C354

Triad

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



B7B530



00CAFF



FF7ED4

Complementary

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



B7B530



3032B7

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.



D495FF



B7B530



00C0FF

Square

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



B7B530



00CDC9



6EAEFF



FF7998

Rectangle

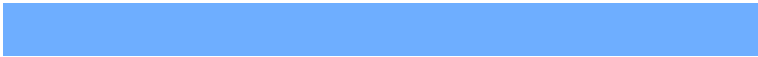
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



B7B530



28C877



6EAEFF



FD85E7

Sweetspot

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



B7B530



EDECB9



B73032



787759



F7F7F7



787878

Same Dimension

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



B7B530



EDEA1A



76B730



5C5C53



9C9900



1C1C00

Inverse Universe

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



3032B7



1A1DED



7130B7



53535C



00029C



00001C

Previews

White Background



This preview shows how the Hex color B7B530 looks on a white background.

Color Contrast Check

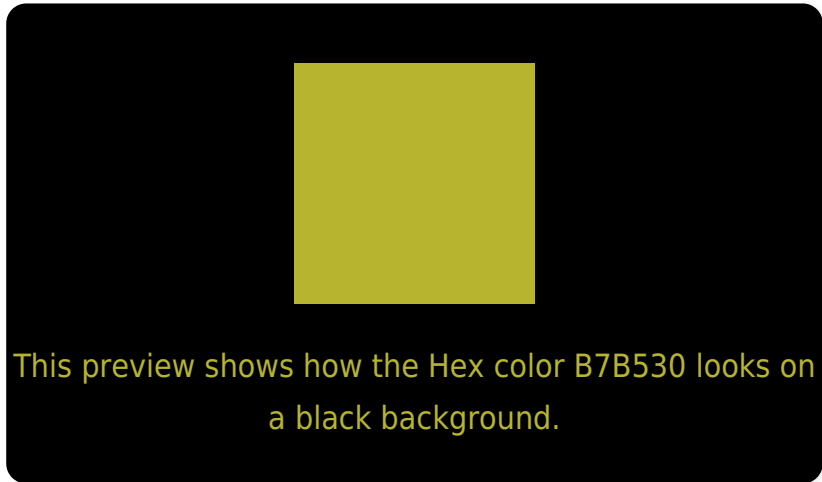
Large Text (above 18pt) WCAG AA × Fail

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 B7B530 Background



This preview shows how black text looks on a background with the Hex color B7B530.



This preview shows how white text looks on a background with the Hex color B7B530.

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
B7B530

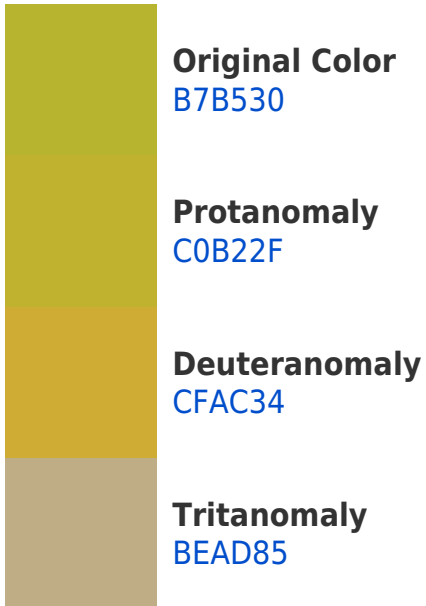
Protanopia
C5B02F

Deuteranopia
DCA736

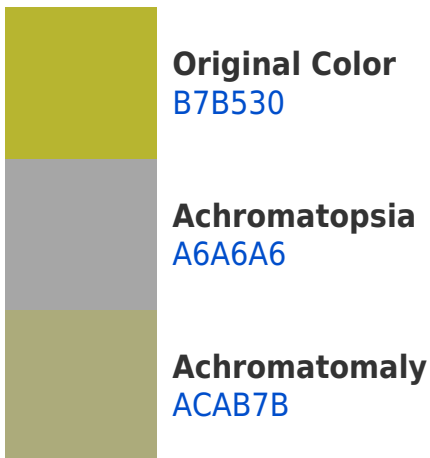


Tritanopia
C2A9B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B7B530 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 #B7B530 looks like.

```
.text, #text, p{  
    color:#B7B530  
}
```

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 #B7B530 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7B530
}
```

Border

The CSS property to change the border of an element to Hex B7B530 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
#B7B530 }
```

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

```
.border{ border-color:#B7B530 }
```

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

Here you see how a box with a 4 pixel #B7B530 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7B530; -webkit-box-shadow:4px 4px  
4px 4px #B7B530; box-shadow:4px 4px 4px  
4px #B7B530 }
```

Background

The CSS property to change the background color of an element to Hex B7B530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7B530 }
```

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

```
.background{ background-color:#B7B530 }
```

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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