

Converting Colors

Hex(B7BD25)

Have a look what the booklet for
Hex(B7BD25) contains.

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Color

Hex(B7BD25)

Conversions

Conversions Part 1

Format	Color
Hex	B7BD25
RGB	183, 189, 37
RGB Percent	72%, 74%, 15%
CMY	0.2824, 0.2588, 0.8549
CMYK	0.03, 0.00, 0.80, 0.26
HSL	62°, 67%, 44%
HSV	62°, 80%, 74%
XYZ	38.0600, 46.5960, 8.7382
YIQ	169.8780, 45.2160, -48.5440

Conversions

Conversions Part 2

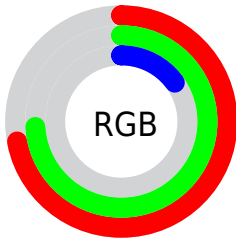
Format	Color
RYB	37, 189, 43
Decimal	12041509
CIELab	73.93, -19.10, 68.78
CIELCh	74, 71.386, 105.516
Yxy	46.5960, 0.4075, 0.4989
Android (android.graphics.Color)	4290231589 (0xFFB7BD25)
YUV	169.8780, -65.5089, 11.5080
Hunter-Lab	68.2613, -19.9323, 40.1931

Details

The Hex color **B7BD25** is a dark color, and the websafe version is hex **CCCC33**. A complement of this color would be **2B25BD**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **F2F561**, and **7E8800** is the 20% darker color. If you saturate the color by 10%, you get **B6BD12**, and if you desaturate by 10%, it is **B8BD38**.

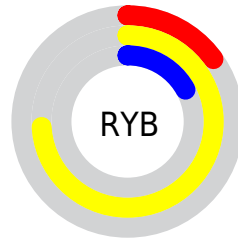
Distribution



Red (72%)

Green (74%)

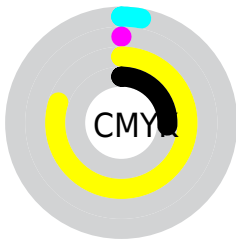
Blue (15%)



Red (15%)

Yellow (74%)

Blue (17%)

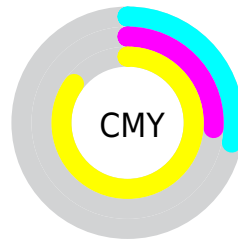


Cyan (3%)

Magenta (0%)

Yellow (80%)

Black (26%)



Cyan (28%)

Magenta (26%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color B7BD25 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 B7BD25 by changing the saturation by 10% instead.

 B7BD25

 B7BD25

FFFFFF

 9AA200

 F2F561

 7E8800

 FFFF7D

 626F00

 FFFF99

 475600

 FFFFFB5

 2C3F00

 FFFF D2

 132900

 FFFFF0

 001600

 000000

 B7BD25

 B7BD25

 B6BD12

 B8BD38

 B6BD00

 B8BD4B

 B9BD5E

 BABD71

 BBBD84

 BBBD96

 BCBD A9

 BDBDBC

 BEBDCF

Harmonies

Analogous

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



F1A72B



B7BD25



6BCB54

Triad

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



B7BD25



00D1FF



FF7CD8

Complementary

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



B7BD25



2B25BD

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.



E495FF



B7BD25



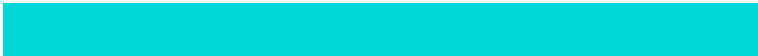
00C6FF

Square

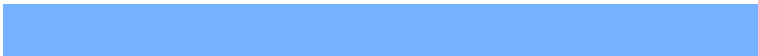
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



B7BD25



00D5D7



76B1FF



FF7896

Rectangle

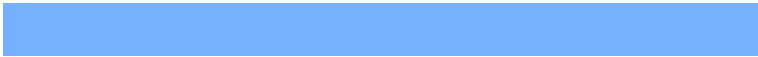
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



B7BD25



00D17D



76B1FF



FF83ED

Sweetspot

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



B7BD25



F2F5BA



BD2A25



797A57



FAFAFA



7A7A7A

Same Dimension

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



B7BD25



EBF507



6CBD25



5E5E55



989E00



1D1F00

Inverse Universe

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



2B25BD



1107F5



7625BD



55555E



06009E



01001F

Previews

White Background



This preview shows how the Hex color B7BD25 looks on a white background.

Color Contrast Check

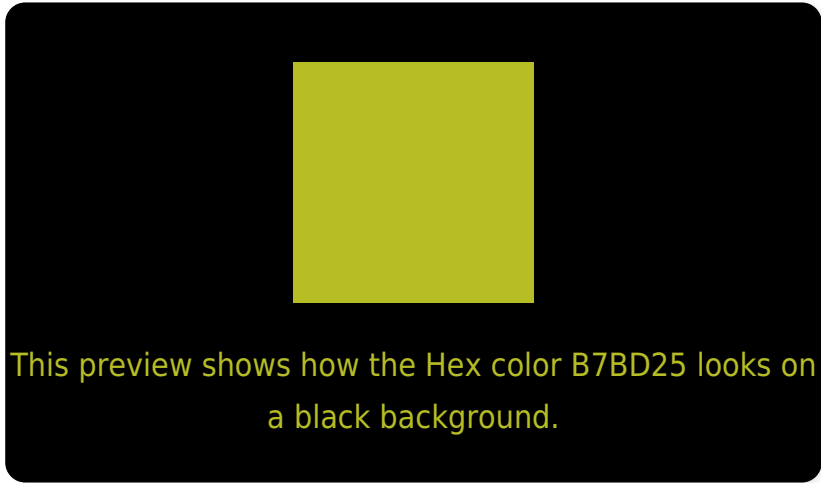
Large Text (above 18pt) WCAG AA × Fail

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 B7BD25 Background



This preview shows how black text looks on a background with the Hex color B7BD25.

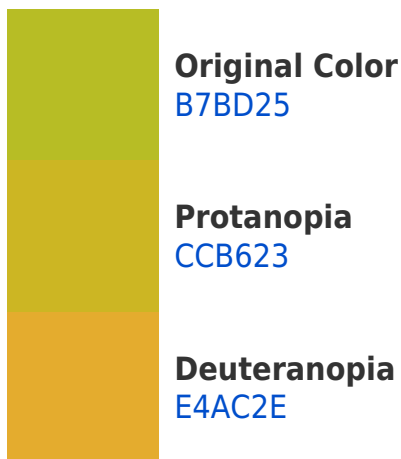


This preview shows how white text looks on a background with the Hex color B7BD25.

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](#).

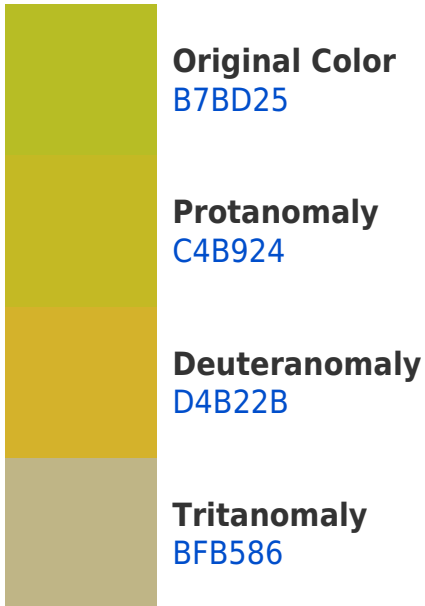
Dichromacy





Tritanopia
C4B0BE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B7BD25 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 #B7BD25 looks like.

```
.text, #text, p{  
    color:#B7BD25  
}
```

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 #B7BD25 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7BD25
}
```

Border

The CSS property to change the border of an element to Hex B7BD25 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
#B7BD25 }
```

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

```
.border{ border-color:#B7BD25 }
```

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

Here you see how a box with a 4 pixel #B7BD25 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7BD25; -webkit-box-shadow:4px 4px  
4px 4px #B7BD25; box-shadow:4px 4px 4px  
4px #B7BD25 }
```

Background

The CSS property to change the background color of an element to Hex B7BD25 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7BD25 }
```

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

```
.background{ background-color:#B7BD25 }
```

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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