

Converting Colors

Hex(B7D738)

Have a look what the booklet for
Hex(B7D738) contains.

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Color

Hex(B7D738)

Conversions

Conversions Part 1

Format	Color
Hex	B7D738
RGB	183, 215, 56
RGB Percent	72%, 84%, 22%
CMY	0.2824, 0.1569, 0.7804
CMYK	0.15, 0.00, 0.74, 0.16
HSL	72°, 67%, 53%
HSV	72°, 74%, 84%
XYZ	44.5427, 58.9537, 12.7729
YIQ	187.3060, 31.9670, -56.2330

Conversions

Conversions Part 2

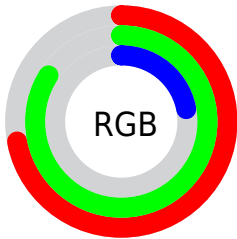
Format	Color
RYB	56, 215, 88
Decimal	12048184
CIELab	81.27, -30.88, 69.79
CIELCh	81, 76.320, 113.865
Yxy	58.9537, 0.3831, 0.5070
Android (android.graphics.Color)	4290238264 (0xFFB7D738)
YUV	187.3060, -64.7339, -3.7764
Hunter-Lab	76.7813, -30.8151, 43.8837

Details

The Hex color **B7D738** is a light color, and the websafe version is hex **99CC33**. The color can be described as light muted chartreuse. A complement of this color would be **5838D7**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **F2FF72**, and **7EA000** is the 20% darker color. If you saturate the color by 10%, you get **B3D723**, and if you desaturate by 10%, it is **BBD74E**.

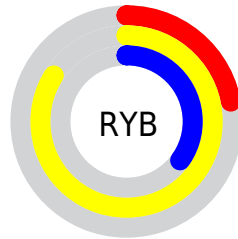
Distribution



Red (72%)

Green (84%)

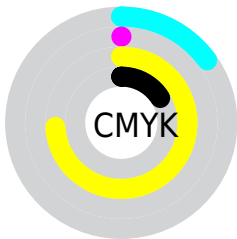
Blue (22%)



Red (22%)

Yellow (84%)

Blue (35%)

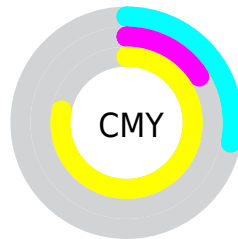


Cyan (15%)

Magenta (0%)

Yellow (74%)

Black (16%)



Cyan (28%)

Magenta (16%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color B7D738 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 B7D738 by changing the saturation by 10% instead.

 B7D738

 B7D738

FFFFFF

 9ABB12

 F2FF72

 7EA000

 FFFF8E

 628600

 FFFFAB

 476D00

 FFFF87

 2A5400

 FFFF85

 093D00

 002700

 000900

 000000

 B7D738

 B7D738

 B3D723

 BBD74E

 AED70D

 C0D763

 ACD700

 C4D779

 C8D78E

 CDD7A4

 D1D7B9

 D5D7CF

 DAD7E4

 DED7FA

Harmonies

Analogous

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



FBC12B



B7D738



57E471

Triad

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



B7D738



00E6FF



FF87DC

Complementary

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



B7D738



5838D7

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.



FF9EFF



B7D738



00D6FF

Square

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



B7D738



00ECFF



B0BDFE



FF8B94

Rectangle

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



B7D738



00E9A0



B0BDFF



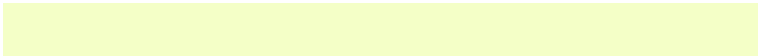
FF8CF3

Sweetspot

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



B7D738



F4FFC7



D75838



79805E



000000



808080

Same Dimension

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



B7D738



D1FF1C



68D738



696B60



88AB00



232B00

Inverse Universe

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



5838D7



4A1CFF



A738D7



63606B



2200AB



09002B

Previews

White Background



This preview shows how the Hex color B7D738 looks on a white background.

Color Contrast Check

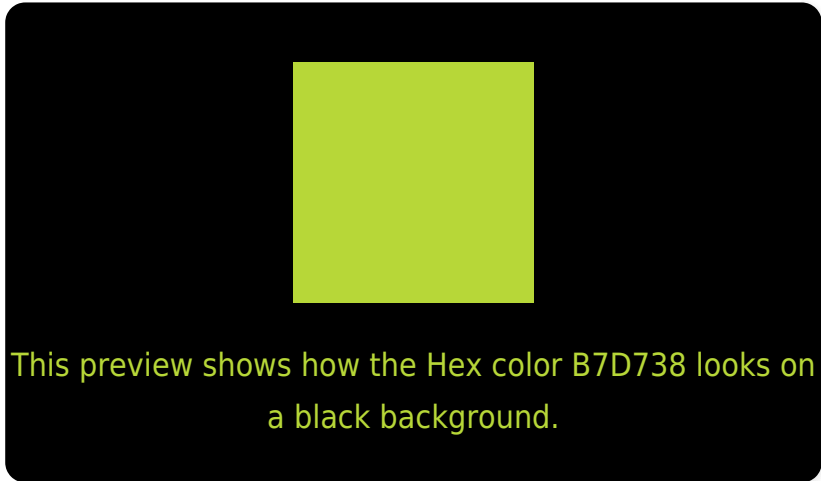
Large Text (above 18pt) WCAG AA × Fail

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 B7D738 Background



This preview shows how black text looks on a background with the Hex color B7D738.

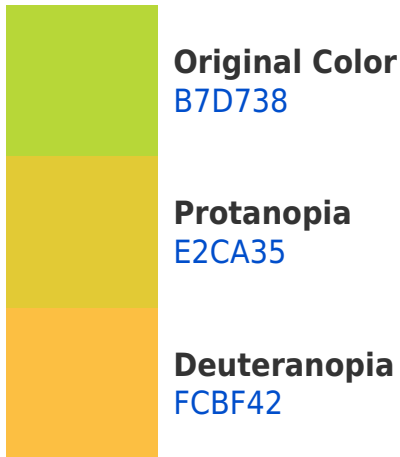


This preview shows how white text looks on a background with the Hex color B7D738.

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
C7C9D8

Trichromacy



Original Color
B7D738

Protanomaly
D2CF36

Deuteranomaly
E3C83E

Tritanomaly
C1CE9E

Monochromacy



Original Color
B7D738

Achromatopsia
BBBBBB

Achromatomaly
BAC58B

CSS Examples

Text

The CSS property to change the color of the text to Hex B7D738 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 #B7D738 looks like.

```
.text, #text, p{  
    color:#B7D738  
}
```

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 #B7D738 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7D738
}
```

Border

The CSS property to change the border of an element to Hex B7D738 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
#B7D738 }
```

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

```
.border{ border-color:#B7D738 }
```

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

Here you see how a box with a 4 pixel #B7D738 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7D738; -webkit-box-shadow:4px 4px  
4px 4px #B7D738; box-shadow:4px 4px 4px  
4px #B7D738 }
```

Background

The CSS property to change the background color of an element to Hex B7D738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7D738 }
```

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

```
.background{ background-color:#B7D738 }
```

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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