

Converting Colors

Hex(B6D44D)

Have a look what the booklet for
Hex(B6D44D) contains.

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Color

Hex(B6D44D)

Conversions

Conversions Part 1

Format	Color
Hex	B6D44D
RGB	182, 212, 77
RGB Percent	71%, 83%, 30%
CMY	0.2863, 0.1686, 0.6980
CMYK	0.14, 0.00, 0.64, 0.17
HSL	73°, 61%, 57%
HSV	73°, 64%, 83%
XYZ	44.1744, 57.5679, 15.8047
YIQ	187.6400, 25.4550, -48.3450

Conversions

Conversions Part 2

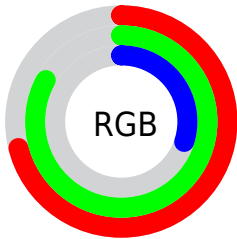
Format	Color
RYB	77, 212, 107
Decimal	11981901
CIELab	80.50, -28.64, 61.27
CIElCh	80, 67.630, 115.054
Yxy	57.5679, 0.3758, 0.4897
Android (android.graphics.Color)	4290171981 (0xFFB6D44D)
YUV	187.6400, -54.5455, -4.9463
Hunter-Lab	75.8735, -28.8538, 40.7612

Details

The Hex color **B6D44D** 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 **6B4DD4**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **F0FF84**, and **7E9D0C** is the 20% darker color. If you saturate the color by 10%, you get **B1D438**, and if you desaturate by 10%, it is **BBD462**.

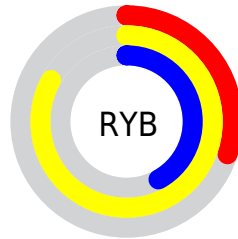
Distribution



Red (71%)

Green (83%)

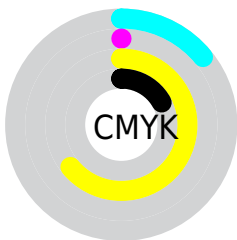
Blue (30%)



Red (30%)

Yellow (83%)

Blue (42%)

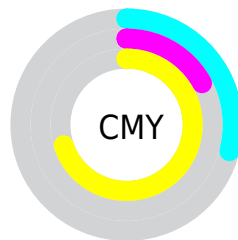


Cyan (14%)

Magenta (0%)

Yellow (64%)

Black (17%)



Cyan (29%)

Magenta (17%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color B6D44D 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 B6D44D by changing the saturation by 10% instead.

 B6D44D

 B6D44D

FFFFFF

 9AB831

 F0FF84

 7E9D0C

 FFFF9F

 628300

 FFFFBC

 486A00

 FFFF80

 2D5200

 FFFF66

 0F3A00

 002500

 000300

 000000

 B6D44D

 B6D44D

 B1D438

 BBD462

 ADD423

 BFD477

 A8D40D

 C4D48D

 A5D400

 C9D4A2

 CED4B7

 D2D4CC

 D7D4E1

 DCD4F7

 E0D4FF

Harmonies

Analogous

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



F3C142



B6D44D



64E07C

Triad

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



B6D44D



00E0FF



FF90D5

Complementary

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



B6D44D



6B4DD4

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.



FFA1FF



B6D44D



00D2FF

Square

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



B6D44D



00E6FB



B8BBFF



FF9496

Rectangle

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



B6D44D



00E5A5



B8BBFF



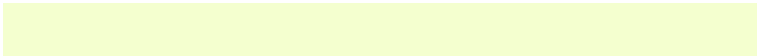
FF93EA

Sweetspot

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



B6D44D



F4FFCF



D46A4D



798062



000000



808080

Same Dimension

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



B6D44D



D4FF3D



73D44D



696B60



85AB00



222B00

Inverse Universe

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



6B4DD4



683DFF



AE4DD4



63606B



2600AB



0A002B

Previews

White Background



This preview shows how the Hex color B6D44D looks on a white background.

Color Contrast Check

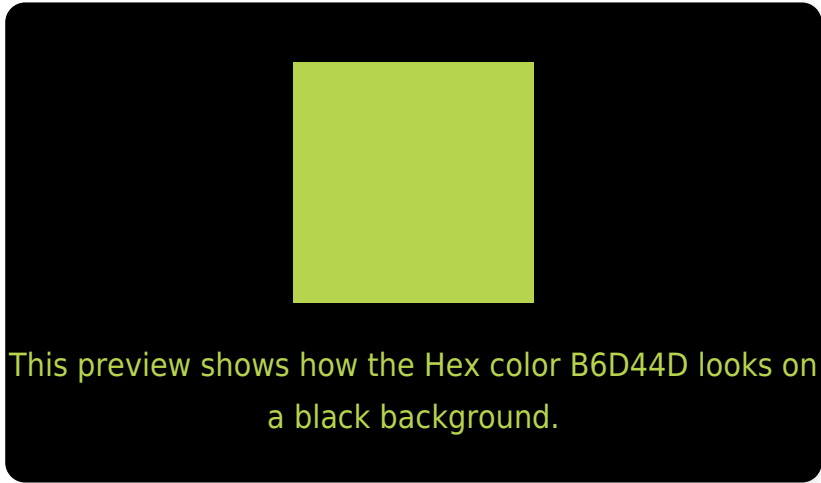
Large Text (above 18pt) WCAG AA × Fail

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 B6D44D Background



This preview shows how black text looks on a background with the Hex color B6D44D.

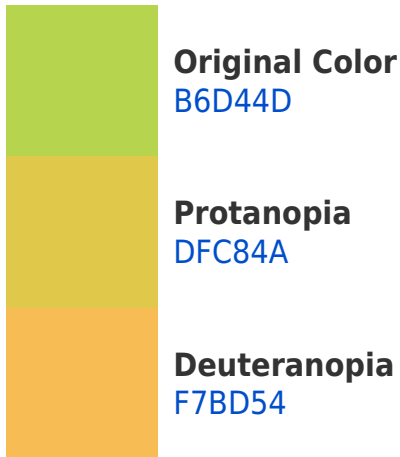


This preview shows how white text looks on a background with the Hex color B6D44D.

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](#).

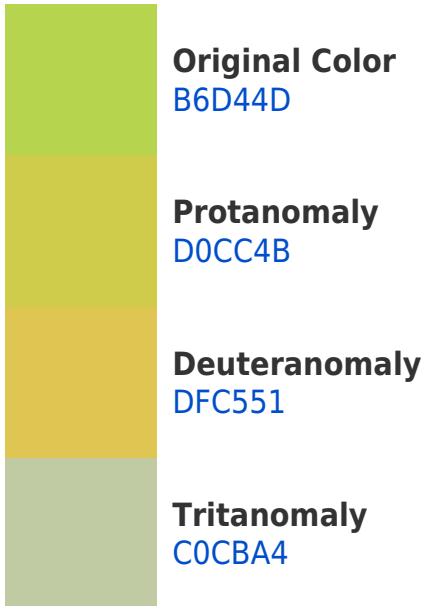
Dichromacy



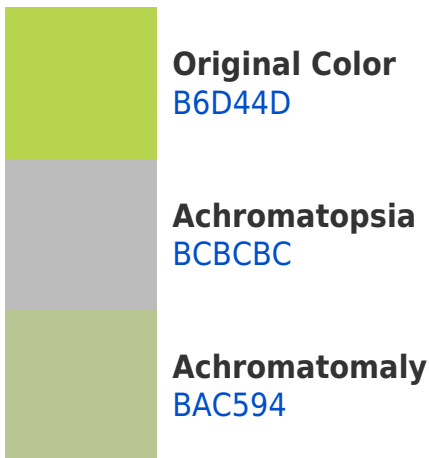


Tritanopia
C5C6D6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B6D44D 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 #B6D44D looks like.

```
.text, #text, p{  
    color:#B6D44D  
}
```

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 #B6D44D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B6D44D
}
```

Border

The CSS property to change the border of an element to Hex B6D44D 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
#B6D44D }
```

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

```
.border{ border-color:#B6D44D }
```

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

Here you see how a box with a 4 pixel #B6D44D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B6D44D; -webkit-box-shadow:4px 4px  
4px 4px #B6D44D; box-shadow:4px 4px 4px  
4px #B6D44D }
```

Background

The CSS property to change the background color of an element to Hex B6D44D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B6D44D }
```

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

```
.background{ background-color:#B6D44D }
```

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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