

Converting Colors

Hex(B4D245)

Have a look what the booklet for
Hex(B4D245) contains.

Hex(B4D245)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B4D245)

Conversions

Conversions Part 1

Format	Color
Hex	B4D245
RGB	180, 210, 69
RGB Percent	71%, 82%, 27%
CMY	0.2941, 0.1765, 0.7294
CMYK	0.14, 0.00, 0.67, 0.18
HSL	73°, 61%, 55%
HSV	73°, 67%, 82%
XYZ	42.9432, 56.2262, 14.2196
YIQ	184.9560, 27.3810, -50.2110

Conversions

Conversions Part 2

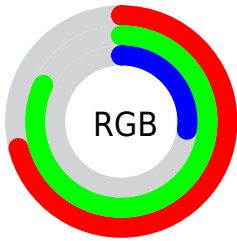
Format	Color
RYB	69, 210, 99
Decimal	11850309
CIELab	79.74, -29.01, 63.60
CIElCh	80, 69.908, 114.522
Yxy	56.2262, 0.3787, 0.4959
Android (android.graphics.Color)	4290040389 (0xFFB4D245)
YUV	184.9560, -57.1663, -4.3464
Hunter-Lab	74.9841, -28.9958, 41.2454

Details

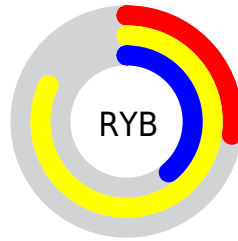
The Hex color **B4D245** is a light color, and the websafe version is hex **99CC33**. The color can be described as light muted chartreuse. A complement of this color would be **6345D2**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **EEFF7C**, and **7C9B00** is the 20% darker color. If you saturate the color by 10%, you get **B0D230**, and if you desaturate by 10%, it is **B8D25A**.

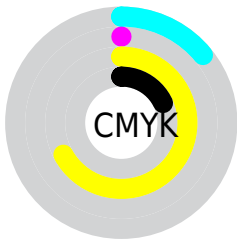
Distribution



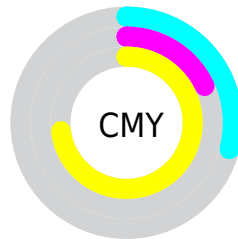
- Red (71%)
- Green (82%)
- Blue (27%)



- Red (27%)
- Yellow (82%)
- Blue (39%)



- Cyan (14%)
- Magenta (0%)
- Yellow (67%)
- Black (18%)



- Cyan (29%)
- Magenta (18%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color B4D245 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 B4D245 by changing the saturation by 10% instead.

 B4D245

 B4D245

FFFFFF

 98B627

 EEEF7C

 7C9B00

 FFFF98

 608100

 FFFFB4

 456800

 FFFFDD

 2A5000

 FFFFEE

 0B3900

 002400

 000000

 B4D245

 B4D245

 B0D230

 B8D25A

 ABD21B

 BDD26F

 A7D206

 C1D284

 A5D200

 C6D299

 CAD2AE

 CFD2C3

 D3D2D8

 D8D2ED

 DCD2FF

Harmonies

Analogous

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



F3BE3A



B4D245



5FDE76

Triad

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



B4D245



00DFFF



FF8BD4

Complementary

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



B4D245



6345D2

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



B4D245



00D1FF

Square

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



B4D245



00E5FA



B2B9FF



FF8F93

Rectangle

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



B4D245



00E3A1



B2B9FF



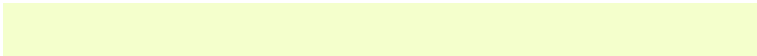
FF8FEA

Sweetspot

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



B4D245



F4FFCC



D26145



798061



000000



808080

Same Dimension

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



B4D245



D3FF30



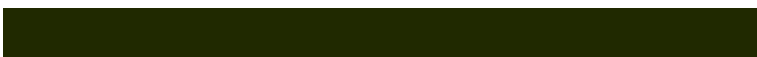
6FD245



66695E



84A800



202900

Inverse Universe

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



6345D2



5C30FF



A845D2



605E69



2400A8



090029

Previews

White Background



This preview shows how the Hex color B4D245 looks on a white background.

Color Contrast Check

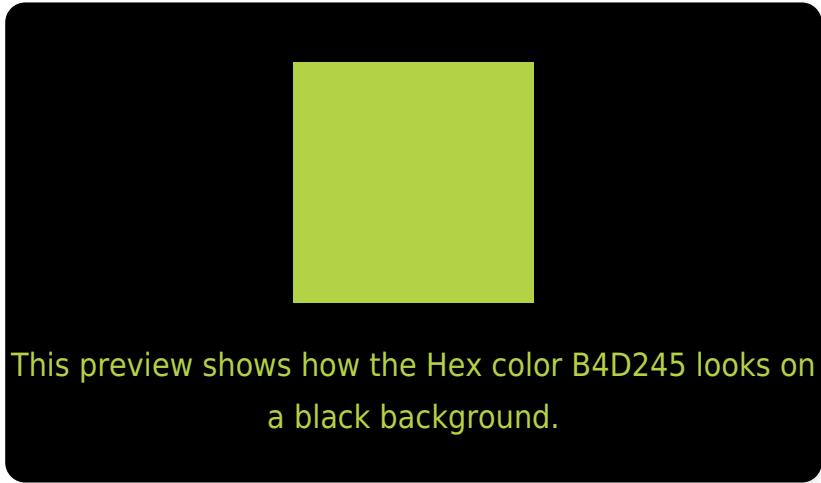
Large Text (above 18pt) WCAG AA × Fail

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 B4D245 Background



This preview shows how black text looks on a background with the Hex color B4D245.

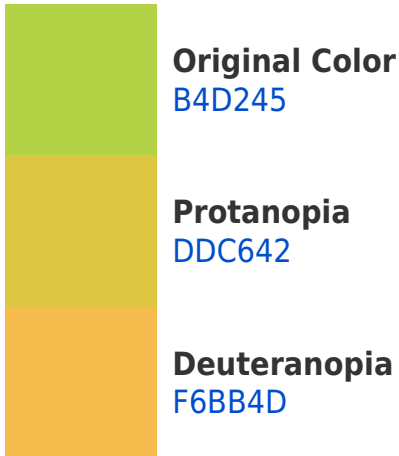


This preview shows how white text looks on a background with the Hex color B4D245.

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](#).

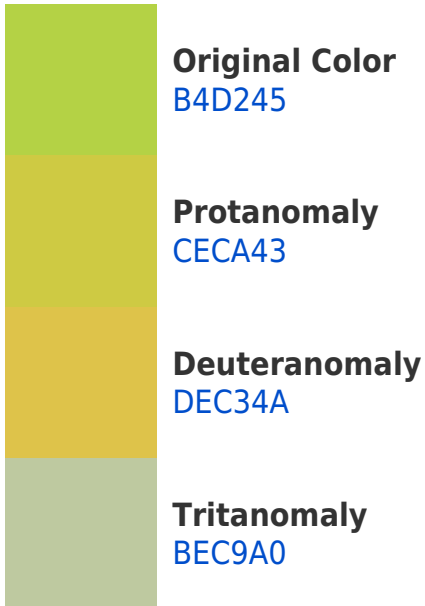
Dichromacy



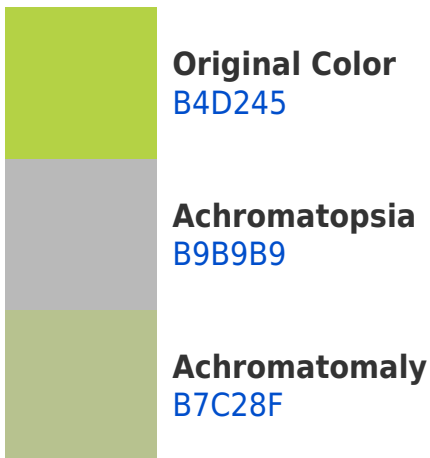


Tritanopia
C3C4D4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B4D245 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 #B4D245 looks like.

```
.text, #text, p{  
    color:#B4D245  
}
```

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 #B4D245 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4D245
}
```

Border

The CSS property to change the border of an element to Hex B4D245 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
#B4D245 }
```

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

```
.border{ border-color:#B4D245 }
```

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

Here you see how a box with a 4 pixel #B4D245 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4D245; -webkit-box-shadow:4px 4px  
4px 4px #B4D245; box-shadow:4px 4px 4px  
4px #B4D245 }
```

Background

The CSS property to change the background color of an element to Hex B4D245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4D245 }
```

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

```
.background{ background-color:#B4D245 }
```

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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