

Converting Colors

Hex(BCD52D)

Have a look what the booklet for
Hex(BCD52D) contains.

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Color

Hex(BCD52D)

Conversions

Conversions Part 1

Format	Color
Hex	BCD52D
RGB	188, 213, 45
RGB Percent	74%, 84%, 18%
CMY	0.2627, 0.1647, 0.8235
CMYK	0.12, 0.00, 0.79, 0.16
HSL	69°, 67%, 51%
HSV	69°, 79%, 84%
XYZ	45.0069, 58.4693, 11.3962
YIQ	186.3730, 39.0280, -57.5480

Conversions

Conversions Part 2

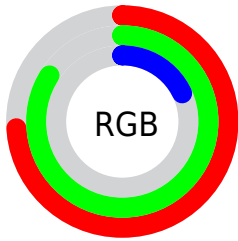
Format	Color
RYB	45, 213, 70
Decimal	12375341
CIELab	81.00, -28.38, 72.99
CIELCh	81, 78.310, 111.249
Yxy	58.4693, 0.3918, 0.5090
Android (android.graphics.Color)	4290565421 (0xFFBCD52D)
YUV	186.3730, -69.6969, 1.4269
Hunter-Lab	76.4652, -28.7502, 44.6892

Details

The Hex color **BCD52D** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle washed chartreuse. A complement of this color would be **462DD5**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **F7FF6A**, and **829E00** is the 20% darker color. If you saturate the color by 10%, you get **B9D518**, and if you desaturate by 10%, it is **BFD542**.

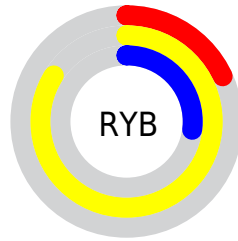
Distribution



Red (74%)

Green (84%)

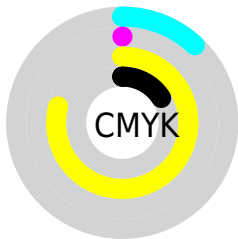
Blue (18%)



Red (18%)

Yellow (84%)

Blue (27%)

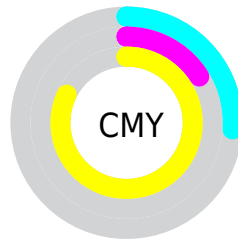


Cyan (12%)

Magenta (0%)

Yellow (79%)

Black (16%)



Cyan (26%)

Magenta (16%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color BCD52D 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 BCD52D by changing the saturation by 10% instead.

 BCD52D

 BCD52D

FFFFFF

 9FB900

 F7FF6A

 829E00

 FFFF86

 668400


 FFFFA3

 4B6B00

 FFFF00

 2F5300

 FFFFDD

 113B00

 FFFFFA

 002600

 000700

 000000

 BCD52D

 BCD52D

 B9D518

 BFD542

 B6D502

 C2D558

 B5D500

 C6D56D

 C9D582

 CCD598

 CFD5AD

 D2D5C2

 D5D5D7

 D9D5ED

Harmonies

Analogous

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



FFBE25



BCD52D



5DE368

Triad

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



BCD52D



00E6FF



FF85E2

Complementary

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



BCD52D



462DD5

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



BCD52D



00D8FF

Square

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



BCD52D



00ECFC



A0BFFF



FF8698

Rectangle

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



BCD52D



00E997



A0BFFF



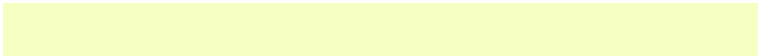
FF8BFA

Sweetspot

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



BCD52D



F6FFC2



D5432D



7A805B



000000



808080

Same Dimension

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



BCD52D



DBFF0D



6BD52D



6A6B60



91AB00



252B00

Inverse Universe

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



462DD5



310DFF



972DD5



62606B



1900AB



06002B

Previews

White Background



This preview shows how the Hex color BCD52D looks on a white background.

Color Contrast Check

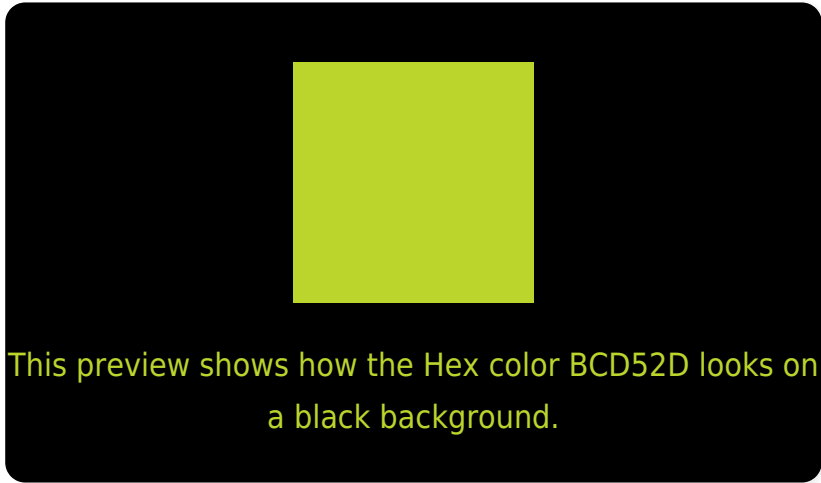
Large Text (above 18pt) WCAG AA × Fail

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 BCD52D Background



This preview shows how black text looks on a background with the Hex color BCD52D.

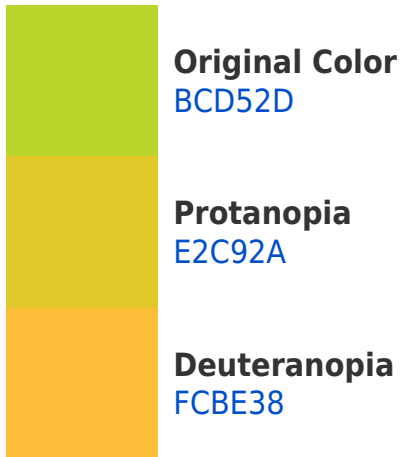


This preview shows how white text looks on a background with the Hex color BCD52D.

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
CCC6D6

Trichromacy



Original Color
BCD52D

Protanomaly
D4CD2B

Deuteranomaly
E5C634

Tritanomaly
C6CB99

Monochromacy



Original Color
BCD52D

Achromatopsia
BABABA

Achromatomaly
BBC487

CSS Examples

Text

The CSS property to change the color of the text to Hex BCD52D 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 #BCD52D looks like.

```
.text, #text, p{  
    color:#BCD52D  
}
```

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 #BCD52D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BCD52D
}
```

Border

The CSS property to change the border of an element to Hex BCD52D 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
#BCD52D }
```

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

```
.border{ border-color:#BCD52D }
```

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

Here you see how a box with a 4 pixel #BCD52D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BCD52D; -webkit-box-shadow:4px 4px  
4px 4px #BCD52D; box-shadow:4px 4px 4px  
4px #BCD52D }
```

Background

The CSS property to change the background color of an element to Hex BCD52D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BCD52D }
```

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

```
.background{ background-color:#BCD52D }
```

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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