

Converting Colors

Hex(BCDB76)

Have a look what the booklet for
Hex(BCDB76) contains.

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Color

Hex(BCDB76)

Conversions

Conversions Part 1

Format	Color
Hex	BCDB76
RGB	188, 219, 118
RGB Percent	74%, 86%, 46%
CMY	0.2627, 0.1412, 0.5373
CMYK	0.14, 0.00, 0.46, 0.14
HSL	78°, 58%, 66%
HSV	78°, 46%, 86%
XYZ	49.3406, 62.6624, 26.6341
YIQ	198.2170, 13.9450, -37.9830

Conversions

Conversions Part 2

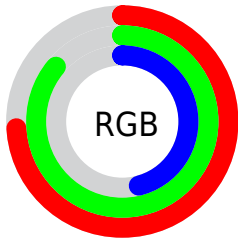
Format	Color
RYB	118, 219, 149
Decimal	12376950
CIELab	83.26, -26.02, 46.07
CIELCh	83, 52.905, 119.459
Yxy	62.6624, 0.3559, 0.4520
Android (android.graphics.Color)	4290567030 (0xFFBCDB76)
YUV	198.2170, -39.5470, -8.9603
Hunter-Lab	79.1596, -27.2693, 35.4630

Details

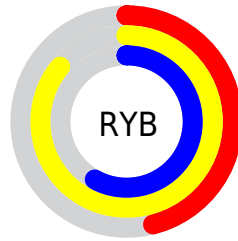
The Hex color **BCDB76** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **9576DB**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **F6FFAC**, and **85A442** is the 20% darker color. If you saturate the color by 10%, you get **B5DB60**, and if you desaturate by 10%, it is **C3DB8C**.

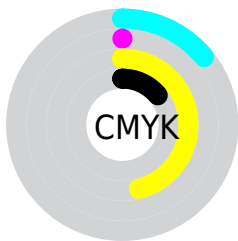
Distribution



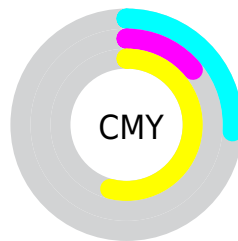
- Red (74%)
- Green (86%)
- Blue (46%)



- Red (46%)
- Yellow (86%)
- Blue (58%)



- Cyan (14%)
- Magenta (0%)
- Yellow (46%)
- Black (14%)



- Cyan (26%)
- Magenta (14%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color BCDB76 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 BCDB76 by changing the saturation by 10% instead.

 BCDB76

FFFFFF

 F6FFAC

 FFFFC8

 FFFFE4

 BCDB76

 A0BF5C

 85A442

 6A8A29

 50700B

 375700

 1E4000

 002A00

 001400

 000000

 BCDB76

 BCDB76

 B5DB60

 C3DB8C

 AFDB4A

 C9DBA2

 A8DB34

 D0DBB8

 A1DB1E

 D7DBCE

 9ADB09

 DEDBE4

 98DB00

 E4DBF9

 EBDBFF

 F2DBFF

 F8DBFF

Harmonies

Analogous

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



EFCC6A



BCDB76



7EE59B

Triad

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



BCDB76



00E2FF



FFA7D2

Complementary

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



BCDB76



9576DB

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.



FFB1FF



BCDB76



7BD5FF

Square

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



BCDB76



00E8FF



D2C3FF



FFABA1

Rectangle

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



BCDB76



45E8BC



D2C3FF



FFA9E3

Sweetspot

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



BCDB76



F4FFDB



DB9476



79806A



000000



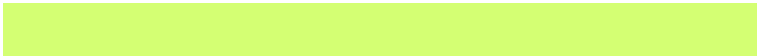
808080

Same Dimension

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



BCDB76



D4FF73



8ADB76



6A6E63



78AD00



202E00

Inverse Universe

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



9576DB



9E73FF



C776DB



66636E



3500AD



0E002E

Previews

White Background



This preview shows how the Hex color BCDB76 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



This preview shows how the Hex color BCDB76 looks on a 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 BCDB76 Background



This preview shows how black text looks on a background with the Hex color BCDB76.

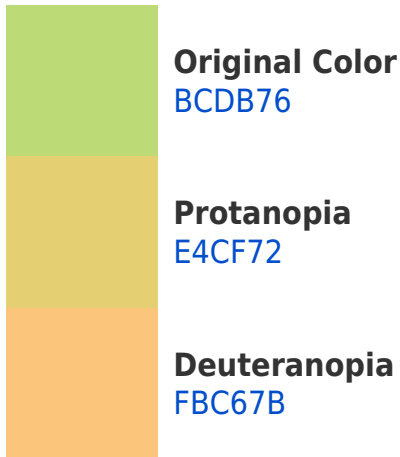


This preview shows how white text looks on a background with the Hex color BCDB76.

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



Trichromacy



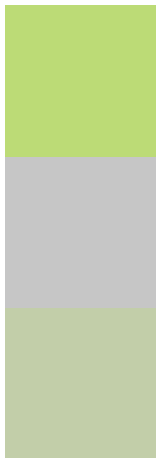
Original Color
BCDB76

Protanomaly
D5D373

Deuteranomaly
E4CE79

Tritanomaly
C4D3B9

Monochromacy



Original Color
BCDB76

Achromatopsia
C6C6C6

Achromatomaly
C2CEA9

CSS Examples

Text

The CSS property to change the color of the text to Hex BCDB76 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 #BCDB76 looks like.

```
.text, #text, p{  
    color:#BCDB76  
}
```

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 #BCDB76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BCDB76
}
```

Border

The CSS property to change the border of an element to Hex BCDB76 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
#BCDB76 }
```

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

```
.border{ border-color:#BCDB76 }
```

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

Here you see how a box with a 4 pixel #BCDB76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BCDB76; -webkit-box-shadow:4px 4px  
4px 4px #BCDB76; box-shadow:4px 4px 4px  
4px #BCDB76 }
```

Background

The CSS property to change the background color of an element to Hex BCDB76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BCDB76 }
```

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

```
.background{ background-color:#BCDB76 }
```

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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