

# Converting Colors

Hex(BCD291)

Have a look what the booklet for  
Hex(BCD291) contains.

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# **Color**

**Hex(BCD291)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BCD291
RGB	188, 210, 145
RGB Percent	74%, 82%, 57%
CMY	0.2627, 0.1765, 0.4314
CMYK	0.10, 0.00, 0.31, 0.18
HSL	80°, 42%, 70%
HSV	80°, 31%, 82%
XYZ	48.8965, 58.8289, 35.5661
YIQ	196.0120, 7.7530, -24.8790

# Conversions

## Conversions Part 2

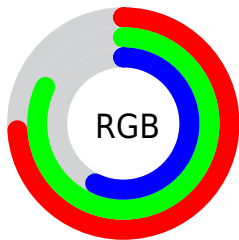
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">145, 210, 167</a>
Decimal	<a href="#">12374673</a>
CIELab	<a href="#">81.20, -18.32, 29.84</a>
CIElCh	<a href="#">81, 35.017, 121.543</a>
Yxy	<a href="#">58.8289, 0.3412, 0.4106</a>
Android (android.graphics.Color)	<a href="#">4290564753</a> ( <a href="#">0xFFBCD291</a> )
YUV	<a href="#">196.0120, -25.1489, -7.0265</a>
Hunter-Lab	<a href="#">76.7000, -20.4307, 26.1970</a>

# Details

The Hex color **BCD291** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **A791D2**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **F5FFC7**, and **869B5E** is the 20% darker color. If you saturate the color by 10%, you get **B5D27C**, and if you desaturate by 10%, it is **C3D2A6**.

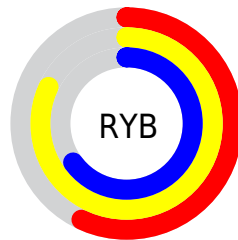
# Distribution



Red (74%)

Green (82%)

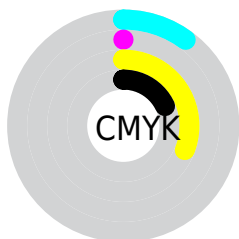
Blue (57%)



Red (57%)

Yellow (82%)

Blue (65%)

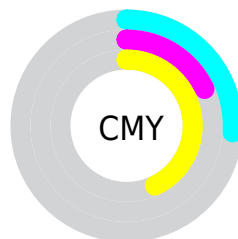


Cyan (10%)

Magenta (0%)

Yellow (31%)

Black (18%)



Cyan (26%)

Magenta (18%)

Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BCD291 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 BCD291 by changing the saturation by 10% instead.



 BCD291

FFFFFF

 F5FFC7

 FFFFE4

 BCD291

 A1B677

 869B5E

 6C8145

 53682E

 3B5017

 243900

 0D2300

 000800

 000000

 BCD291

 BCD291

 B5D27C

 C3D2A6

 AED267

 CAD2BB

 A7D252

 D1D2D0

 A0D23D

 D8D2E5

 98D228

 E0D2FA

 91D213

 E7D2FF

 8BD200

 EED2FF

 F5D2FF

 FCD2FF

# Harmonies

## Analogous

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



DFC888



BCD291



96D9A9

# Triad

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



BCD291



73D5FF



FFB1C9

# Complementary

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



BCD291



A791D2

# 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.



F5B6E9



BCD291



A1CCFF

# Square

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



BCD291



5EDBEB



D0C1FF



FFB4A9

# Rectangle

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



BCD291



7DDBBF



D0C1FF



FFB2D4



# Sweetspot

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



BCD291



F7FFE8



D2A791



7B8071



000000



808080

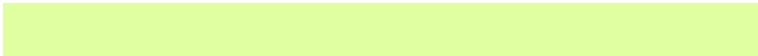


# Same Dimension

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



BCD291



DFFFA1



9CD291



65695E



6FA800



1B2900



# Inverse Universe

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



A791D2



C1A1FF



C791D2



625E69



3900A8



0E0029



# Previews

## White Background



This preview shows how the Hex color BCD291 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 BCD291 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

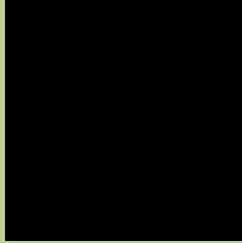
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

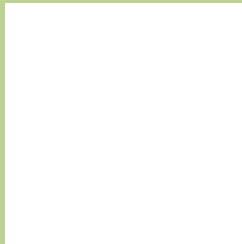
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex BCD291 Background



This preview shows how black text looks on a background with the Hex color BCD291.

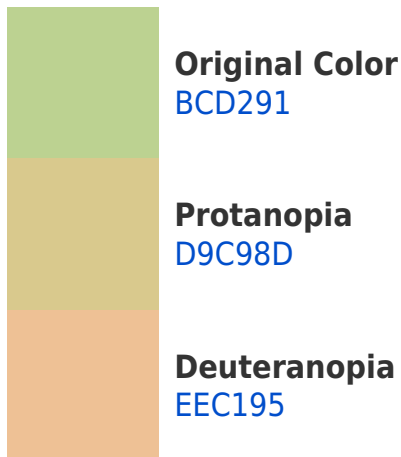


This preview shows how white text looks on a background with the Hex color BCD291.

# 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**  
C6C9D9

# Trichromacy



**Original Color**  
BCD291

**Protanomaly**  
CECC8E

**Deuteranomaly**  
DCC794

**Tritanomaly**  
C2CCBF

# Monochromacy



**Original Color**  
BCD291

**Achromatopsia**  
C4C4C4

**Achromatomaly**  
C1C9B1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BCD291 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 #BCD291 looks like.

```
.text, #text, p{  
    color:#BCD291  
}
```

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 #BCD291 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BCD291
}
```

## Border

The CSS property to change the border of an element to Hex BCD291 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
#BCD291 }
```

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

```
.border{ border-color:#BCD291 }
```

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

Here you see how a box with a 4 pixel #BCD291 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BCD291; -webkit-box-shadow:4px 4px  
4px 4px #BCD291; box-shadow:4px 4px 4px  
4px #BCD291 }
```

# Background

The CSS property to change the background color of an element to Hex BCD291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BCD291 }
```

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

```
.background{ background-color:#BCD291 }
```

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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