

# Converting Colors

Hex(B7D491)

Have a look what the booklet for  
Hex(B7D491) contains.

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**Color**

**Hex(B7D491)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B7D491
RGB	183, 212, 145
RGB Percent	72%, 83%, 57%
CMY	0.2824, 0.1686, 0.4314
CMYK	0.14, 0.00, 0.32, 0.17
HSL	86°, 44%, 70%
HSV	86°, 32%, 83%
XYZ	48.1828, 59.1986, 35.6750
YIQ	195.6910, 4.2230, -26.9850

# Conversions

## Conversions Part 2

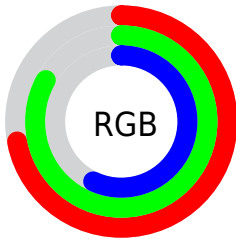
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">145, 212, 174</a>
Decimal	<a href="#">12047505</a>
CIELab	<a href="#">81.40, -21.15, 30.05</a>
CIELCh	<a href="#">81, 36.751, 125.140</a>
Yxy	<a href="#">59.1986, 0.3368, 0.4138</a>
Android (android.graphics.Color)	<a href="#">4290237585 (0xFFB7D491)</a>
YUV	<a href="#">195.6910, -24.9907, -11.1300</a>
Hunter-Lab	<a href="#">76.9406, -22.8635, 26.3675</a>

# Details

The Hex color **B7D491** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **AE91D4**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **F0FFC7**, and **819D5E** is the 20% darker color. If you saturate the color by 10%, you get **AED47C**, and if you desaturate by 10%, it is **C0D4A6**.

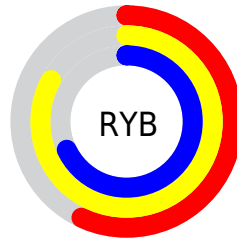
# Distribution



Red (72%)

Green (83%)

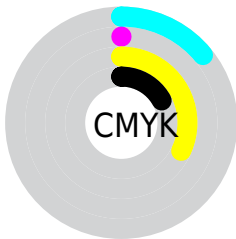
Blue (57%)



Red (57%)

Yellow (83%)

Blue (68%)

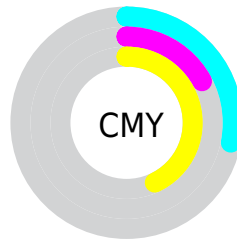


Cyan (14%)

Magenta (0%)

Yellow (32%)

Black (17%)



Cyan (28%)

Magenta (17%)

Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B7D491 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 B7D491 by changing the saturation by 10% instead.




 B7D491

 B7D491

FFFFFF

 9CB877

 F0FFC7

 819D5E

 FFFFE4

 678345

 4E6A2E

 365217

 1F3A00

 062500

 000A00

 000000

 B7D491

 B7D491

 AED47C

 C0D4A6

 A5D467

 C9D4BB

 9BD451

 D3D4D1

 92D43C

 DCD4E6

 89D427

 E5D4FB

 80D412

 EED4FF

 78D400

 F7D4FF

 FFD4FF

# Harmonies

## Analogous

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



DCCA85



B7D491



8EDBAC

# Triad

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



B7D491



71D6FF



FFB0C6

# Complementary

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



B7D491



AE91D4

# 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.



FBB5E8



B7D491



A5CCFF

# Square

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



B7D491



55DCF1



D7BFFF



FFB4A4

# Rectangle

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



B7D491



73DDC3



D7BFFF



FFB1D1



# Sweetspot

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



B7D491



F5FFE8



D4AD91



798071



000000



808080

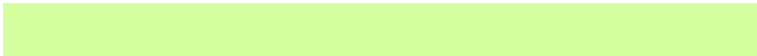


# Same Dimension

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



B7D491



D5FF9E



97D491



666B60



61AB00



192B00



# Inverse Universe

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



AE91D4



C89EFF



CE91D4



65606B



4A00AB



13002B



# Previews

## White Background



This preview shows how the Hex color B7D491 looks on a white background.

## Color Contrast Check

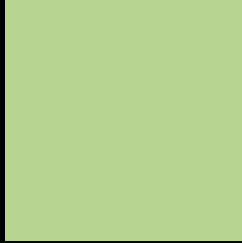
Large Text (above 18pt) WCAG AA × Fail

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 B7D491 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

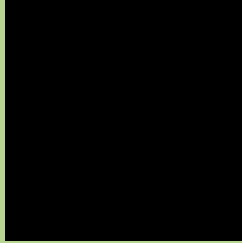
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B7D491 Background



This preview shows how black text looks on a background with the Hex color B7D491.

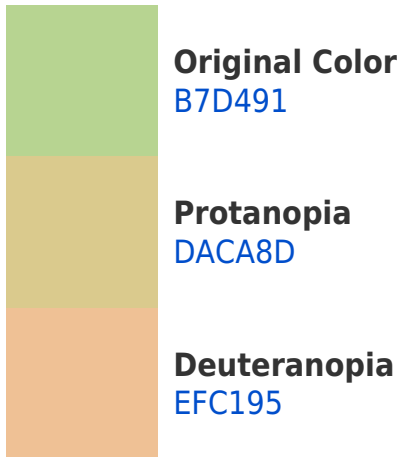


This preview shows how white text looks on a background with the Hex color B7D491.

# 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**  
B7D491

**Protanomaly**  
CDCE8E

**Deuteranomaly**  
DBC894

**Tritanomaly**  
BECEC0

# Monochromacy



**Original Color**  
B7D491

**Achromatopsia**  
C4C4C4

**Achromatomaly**  
BFCAB1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B7D491 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 #B7D491 looks like.

```
.text, #text, p{  
    color:#B7D491  
}
```

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 #B7D491 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7D491
}
```

## Border

The CSS property to change the border of an element to Hex B7D491 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
#B7D491 }
```

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

```
.border{ border-color:#B7D491 }
```

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

Here you see how a box with a 4 pixel #B7D491 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7D491; -webkit-box-shadow:4px 4px  
4px 4px #B7D491; box-shadow:4px 4px 4px  
4px #B7D491 }
```

# Background

The CSS property to change the background color of an element to Hex B7D491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7D491 }
```

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

```
.background{ background-color:#B7D491 }
```

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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