

# Converting Colors

Hex(B2CE90)

Have a look what the booklet for  
Hex(B2CE90) contains.

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**Color**

**Hex(B2CE90)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B2CE90
RGB	178, 206, 144
RGB Percent	70%, 81%, 56%
CMY	0.3020, 0.1922, 0.4353
CMYK	0.14, 0.00, 0.30, 0.19
HSL	87°, 39%, 69%
HSV	87°, 30%, 81%
XYZ	45.4654, 55.6212, 34.7252
YIQ	190.5600, 3.2140, -25.2180

# Conversions

## Conversions Part 2

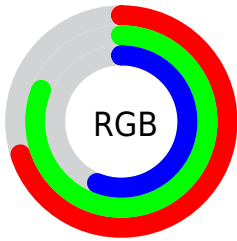
<b>Format</b>	<b>Color</b>
<b>RYB</b>	144, 206, 172
Decimal	11718288
CIELab	79.40, -20.16, 27.83
CIELCh	79, 34.369, 125.916
Yxy	55.6212, 0.3348, 0.4095
Android (android.graphics.Color)	4289908368 (0xFFB2CE90)
YUV	190.5600, -22.9541, -11.0151
Hunter-Lab	74.5796, -21.6967, 24.5995

# Details

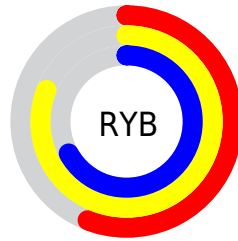
The Hex color **B2CE90** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **AC90CE**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **EAFFC6**, and **7D985D** is the 20% darker color. If you saturate the color by 10%, you get **A9CE7B**, and if you desaturate by 10%, it is **BBCEA5**.

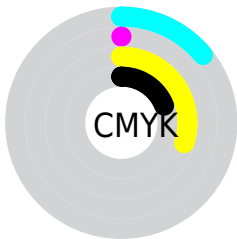
# Distribution



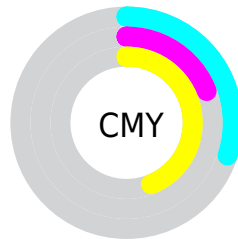
- Red (70%)
- Green (81%)
- Blue (56%)



- Red (56%)
- Yellow (81%)
- Blue (67%)



- Cyan (14%)
- Magenta (0%)
- Yellow (30%)
- Black (19%)



- Cyan (30%)
- Magenta (19%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B2CE90 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 B2CE90 by changing the saturation by 10% instead.



 B2CE90

 B2CE90

FFFFFF

 97B276

 EAFFC6

 7D985D

 FFFFE2

 637E45

 4A652E

 324D17

 1C3600

 002100

 000000

 B2CE90

 B2CE90

 A9CE7B

 BBCEA5

 9FCE67

 C5CEB9

 96CE52

 CECECE

 8DCE3E

 D7CEE2

 83CE29

 E1CEF7

 7ACE14

 EACEFF

 71CE00

 F3CEFF

 FCCEFF

 FFCEFF

# Harmonies

## Analogous

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



D5C585



B2CE90



8CD4AA

# Triad

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



B2CE90



75CFFE



FFADB9

# Complementary

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



B2CE90



AC90CE

# 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.



F3B0DF



B2CE90



A4C6FF

# Square

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



B2CE90



5CD5E9



D1BAF9



FFB0A1

# Rectangle

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



B2CE90



74D6BF



D1BAF9



FFADCA



# Sweetspot

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



B2CE90



F5FFE8



CEAC90



798071



000000



808080

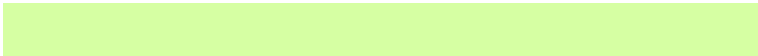


# Same Dimension

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



B2CE90



D6FFA3



93CE90



61665C



5BA600



152600



# Inverse Universe

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



AC90CE



CDA3FF



CB90CE



605C66



4B00A6



110026



# Previews

## White Background



This preview shows how the Hex color B2CE90 looks on a white background.

## Color Contrast Check

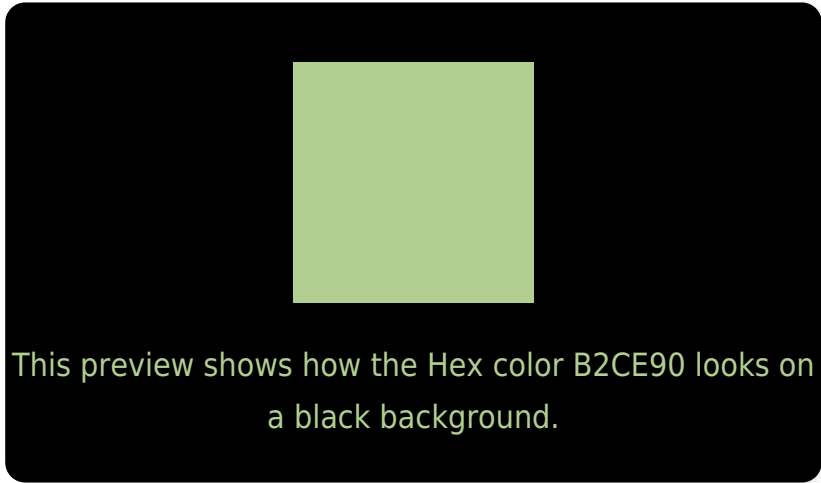
Large Text (above 18pt) WCAG AA × Fail

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 B2CE90 Background



This preview shows how black text looks on a background with the Hex color B2CE90.

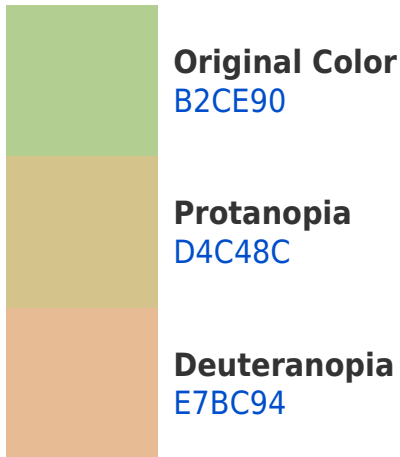


This preview shows how white text looks on a background with the Hex color B2CE90.

# Color Blindness Simulation

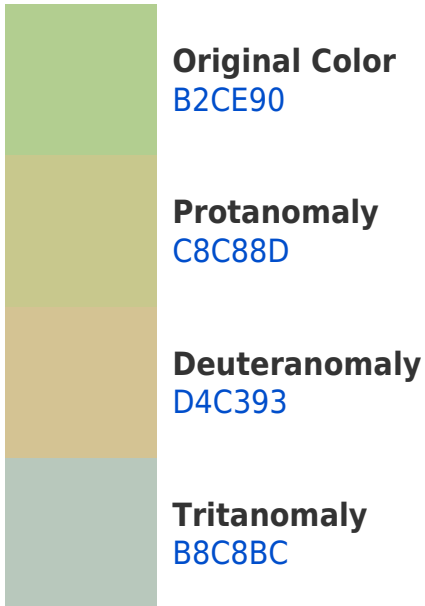
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

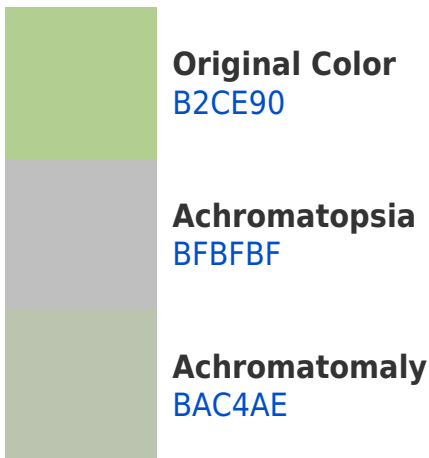




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B2CE90 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 #B2CE90 looks like.

```
.text, #text, p{  
    color:#B2CE90  
}
```

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 #B2CE90 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2CE90
}
```

## Border

The CSS property to change the border of an element to Hex B2CE90 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
#B2CE90 }
```

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

```
.border{ border-color:#B2CE90 }
```

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

Here you see how a box with a 4 pixel #B2CE90 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2CE90; -webkit-box-shadow:4px 4px  
4px 4px #B2CE90; box-shadow:4px 4px 4px  
4px #B2CE90 }
```

# Background

The CSS property to change the background color of an element to Hex B2CE90 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2CE90 }
```

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

```
.background{ background-color:#B2CE90 }
```

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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