

# Converting Colors

Hex(B2CE93)

Have a look what the booklet for  
Hex(B2CE93) contains.

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# **Color**

**Hex(B2CE93)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B2CE93
RGB	178, 206, 147
RGB Percent	70%, 81%, 58%
CMY	0.3020, 0.1922, 0.4235
CMYK	0.14, 0.00, 0.29, 0.19
HSL	88°, 38%, 69%
HSV	88°, 29%, 81%
XYZ	45.6979, 55.7142, 35.9491
YIQ	190.9020, 2.2510, -24.2850

# Conversions

## Conversions Part 2

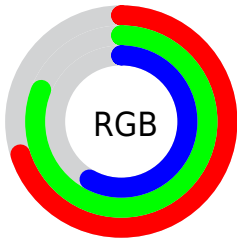
<b>Format</b>	<b>Color</b>
<b>RYB</b>	147, 206, 175
Decimal	11718291
CIELab	79.45, -19.72, 26.34
CIELCh	79, 32.906, 126.828
Yxy	55.7142, 0.3327, 0.4056
Android (android.graphics.Color)	4289908371 (0xFFB2CE93)
YUV	190.9020, -21.6437, -11.3151
Hunter-Lab	74.6419, -21.3407, 23.6940

# Details

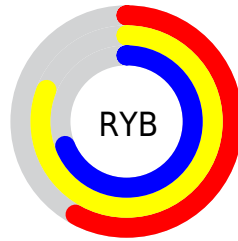
The Hex color **B2CE93** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **AF93CE**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **EAFFC9**, and **7D9860** is the 20% darker color. If you saturate the color by 10%, you get **A8CE7E**, and if you desaturate by 10%, it is **BCCEA8**.

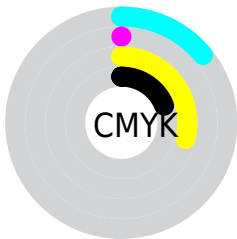
# Distribution



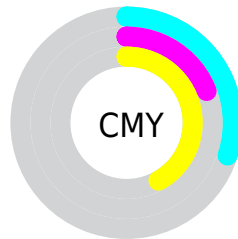
- Red (70%)
- Green (81%)
- Blue (58%)



- Red (58%)
- Yellow (81%)
- Blue (69%)



- Cyan (14%)
- Magenta (0%)
- Yellow (29%)
- Black (19%)



- Cyan (30%)
- Magenta (19%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B2CE93 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 B2CE93 by changing the saturation by 10% instead.



 B2CE93

 B2CE93

FFFFFF

 97B279

 EAFFC9

 7D9860

 FFFFEE

 637E48

 4A6530

 334D1A

 1C3602

 012100

 000000

 B2CE93

 B2CE93

 A8CE7E

 BCCEA8

 9ECE6A

 C6CEBC

 95CE55

 CFCED1

 8BCE41

 D9CEE5

 81CE2C

 E3CEFA

 77CE17

 EDCEFF

 6ECE03

 F6CEFF

 6CCE00

 FFCEFF

# Harmonies

## Analogous

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



D4C588



B2CE93



8ED4AC

# Triad

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



B2CE93



7CCFFC



FFAEBF

# Complementary

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



B2CE93



AF93CE

# 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.



F2B1DE



B2CE93



A7C5FF

# Square

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



B2CE93



63D4E9



D2BAF6



FFB2A2

# Rectangle

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



B2CE93



78D6C0



D2BAF6



FEAEC9



# Sweetspot

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



B2CE93



F4FFE8



CEAF93



798071



000000



808080

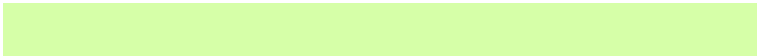


# Same Dimension

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



B2CE93



D6FFA8



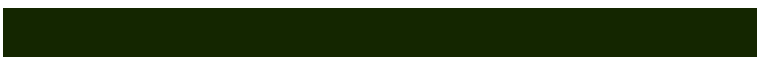
95CE93



61665C



57A600



142600



# Inverse Universe

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



AF93CE



D1A8FF



CC93CE



615C66



4F00A6



120026



# Previews

## White Background



This preview shows how the Hex color B2CE93 looks on a white background.

## Color Contrast Check

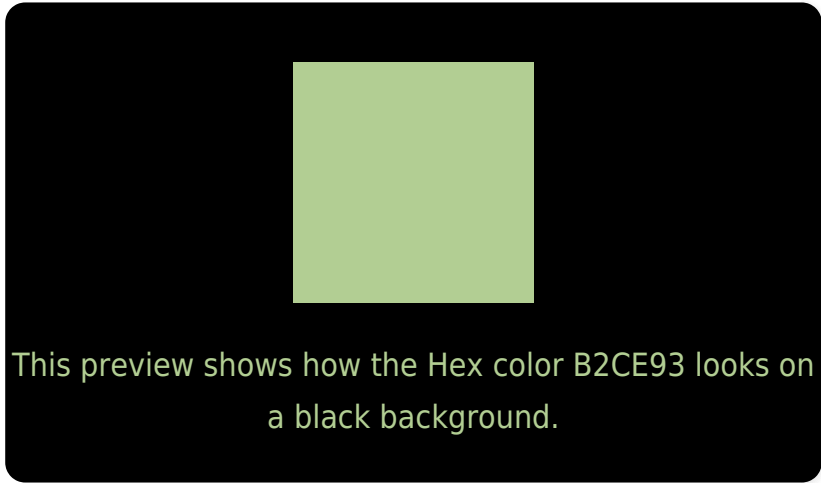
Large Text (above 18pt) WCAG AA × Fail

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

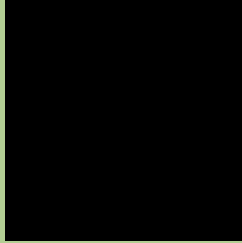
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B2CE93 Background



This preview shows how black text looks on a background with the Hex color B2CE93.

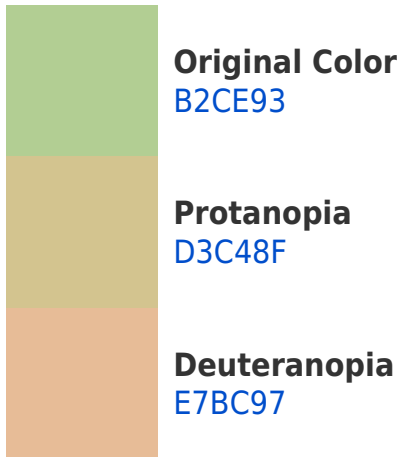


This preview shows how white text looks on a background with the Hex color B2CE93.

# Color Blindness Simulation

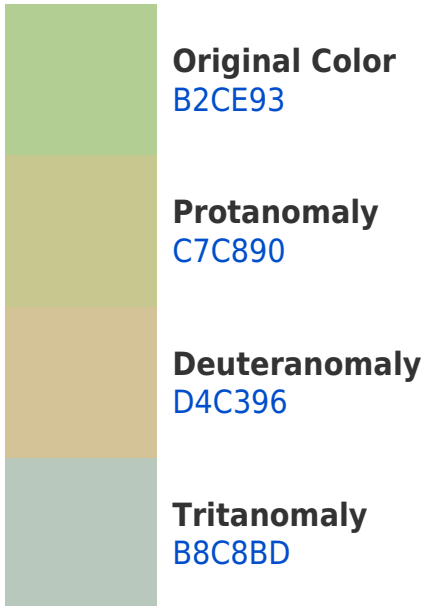
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

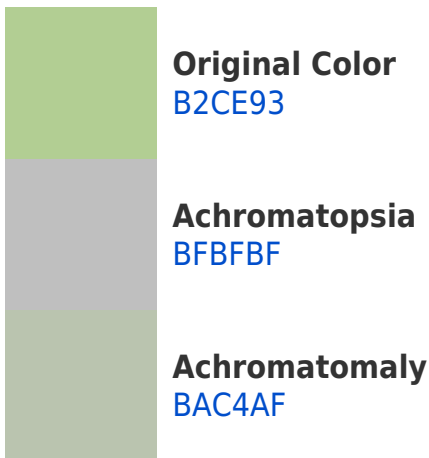




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B2CE93 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 #B2CE93 looks like.

```
.text, #text, p{  
    color:#B2CE93  
}
```

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 #B2CE93 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2CE93
}
```

## Border

The CSS property to change the border of an element to Hex B2CE93 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
#B2CE93 }
```

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

```
.border{ border-color:#B2CE93 }
```

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

Here you see how a box with a 4 pixel #B2CE93 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2CE93; -webkit-box-shadow:4px 4px  
4px 4px #B2CE93; box-shadow:4px 4px 4px  
4px #B2CE93 }
```

# Background

The CSS property to change the background color of an element to Hex B2CE93 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2CE93 }
```

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

```
.background{ background-color:#B2CE93 }
```

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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