

# Converting Colors

Hex(B3CF92)

Have a look what the booklet for  
Hex(B3CF92) contains.

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**Color**

**Hex(B3CF92)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B3CF92
RGB	179, 207, 146
RGB Percent	70%, 81%, 57%
CMY	0.2980, 0.1882, 0.4275
CMYK	0.14, 0.00, 0.29, 0.19
HSL	88°, 39%, 69%
HSV	88°, 29%, 81%
XYZ	46.0915, 56.2847, 35.6289
YIQ	191.6740, 2.8930, -24.9070

# Conversions

## Conversions Part 2

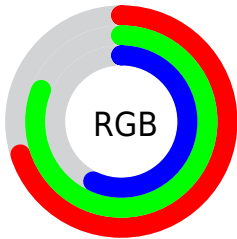
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">146, 207, 174</a>
Decimal	<a href="#">11784082</a>
CIELab	<a href="#">79.78, -20.00, 27.31</a>
CIELCh	<a href="#">80, 33.852, 126.219</a>
Yxy	<a href="#">56.2847, 0.3340, 0.4078</a>
Android (android.graphics.Color)	<a href="#">4289974162 (0xFFB3CF92)</a>
YUV	<a href="#">191.6740, -22.5173, -11.1151</a>
Hunter-Lab	<a href="#">75.0231, -21.6264, 24.3590</a>

# Details

The Hex color **B3CF92** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **AE92CF**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **EBFFC8**, and **7E995F** is the 20% darker color. If you saturate the color by 10%, you get **A9CF7D**, and if you desaturate by 10%, it is **BDCFA7**.

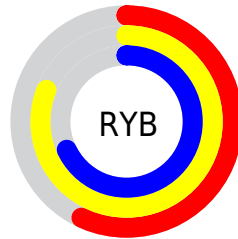
# Distribution



Red (70%)

Green (81%)

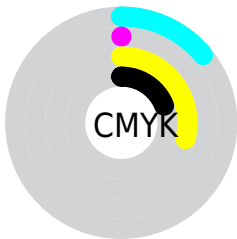
Blue (57%)



Red (57%)

Yellow (81%)

Blue (68%)

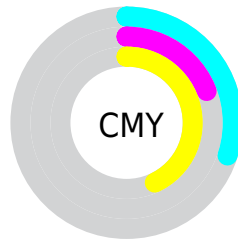


Cyan (14%)

Magenta (0%)

Yellow (29%)

Black (19%)



Cyan (30%)

Magenta (19%)

Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B3CF92 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 B3CF92 by changing the saturation by 10% instead.



 B3CF92

 B3CF92

FFFFFF

 98B378

 EBFFC8

 7E995F

 FFFF E5

 647F47

 4B652F

 334D19

 1D3600

 022100

 000000

 B3CF92

 B3CF92

 A9CF7D

 BDCFA7

 A0CF69

 C6CFBB

 96CF54

 D0CFD0

 8DCF3F

 D9CFE5

 83CF2A

 E3CFFA

 7ACF16

 ECCFFF

 70CF01

 F6CFFF

 70CF00

 FFCFFF

# Harmonies

## Analogous

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



D5C687



B3CF92



8ED5AB

# Triad

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



B3CF92



79D0FF



FFAEC0

# Complementary

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



B3CF92



AE92CF

# 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.



F4B2E0



B3CF92



A6C6FF

# Square

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



B3CF92



60D6EA



D3BBF9



FFB2A2

# Rectangle

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



B3CF92



77D7C0



D3BBF9



FFAFCB



# Sweetspot

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



B3CF92



F4FFE8



CFAD92



798071



000000



808080

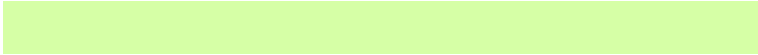


# Same Dimension

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



B3CF92



D6FFA6



95CF92



64695E



5BA800



162900



# Inverse Universe

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



AE92CF



CFA6FF



CC92CF



635E69



4D00A8

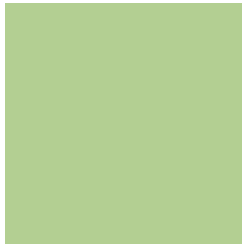


130029



# Previews

## White Background



This preview shows how the Hex color B3CF92 looks on a white background.

## Color Contrast Check

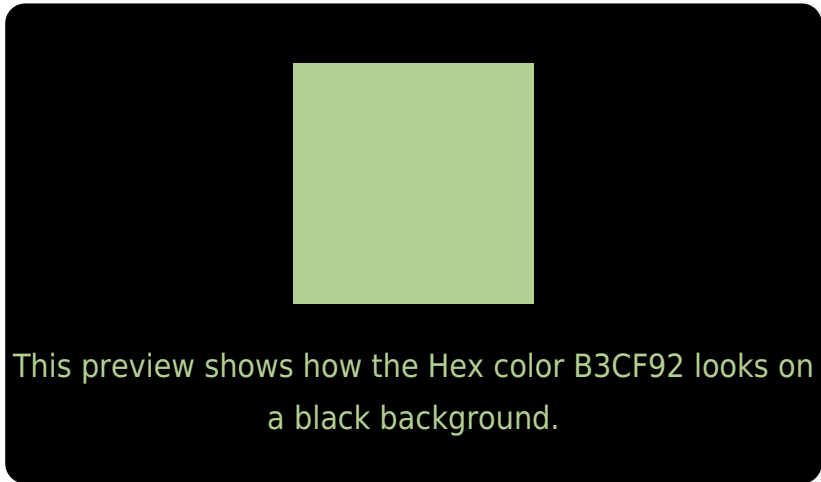
Large Text (above 18pt) WCAG AA × Fail

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

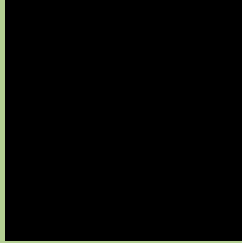
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B3CF92 Background



This preview shows how black text looks on a background with the Hex color B3CF92.

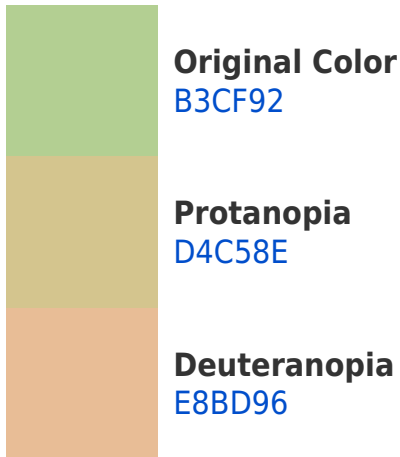


This preview shows how white text looks on a background with the Hex color B3CF92.

# Color Blindness Simulation

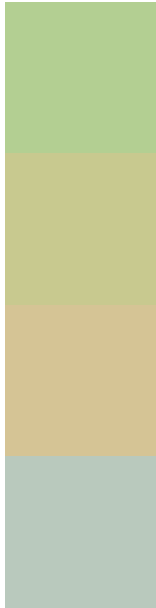
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**  
B3CF92

**Protanomaly**  
C8C98F

**Deuteranomaly**  
D5C495

**Tritanomaly**  
B9C9BD

# Monochromacy



**Original Color**  
B3CF92

**Achromatopsia**  
C0C0C0

**Achromatomaly**  
BBC5AF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B3CF92 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 #B3CF92 looks like.

```
.text, #text, p{  
    color:#B3CF92  
}
```

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 #B3CF92 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3CF92
}
```

## Border

The CSS property to change the border of an element to Hex B3CF92 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
#B3CF92 }
```

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

```
.border{ border-color:#B3CF92 }
```

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

Here you see how a box with a 4 pixel #B3CF92 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3CF92; -webkit-box-shadow:4px 4px  
4px 4px #B3CF92; box-shadow:4px 4px 4px  
4px #B3CF92 }
```

# Background

The CSS property to change the background color of an element to Hex B3CF92 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3CF92 }
```

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

```
.background{ background-color:#B3CF92 }
```

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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