

# Converting Colors

Hex(B1EC92)

Have a look what the booklet for  
Hex(B1EC92) contains.

<b>Hex(B1EC92)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(B1EC92)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B1EC92
RGB	177, 236, 146
RGB Percent	69%, 93%, 57%
CMY	0.3059, 0.0745, 0.4275
CMYK	0.25, 0.00, 0.38, 0.07
HSL	99°, 70%, 75%
HSV	99°, 38%, 93%
XYZ	53.3152, 71.4133, 38.1683
YIQ	208.0990, -6.2740, -40.4980

# Conversions

## Conversions Part 2

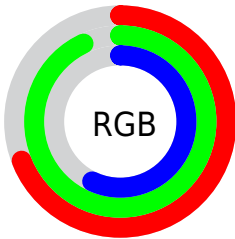
<b>Format</b>	<b>Color</b>
<b>RYB</b>	146, 236, 205
Decimal	11660434
CIELab	87.69, -34.56, 37.75
CIELCh	88, 51.181, 132.476
Yxy	71.4133, 0.3273, 0.4384
Android (android.graphics.Color)	4289850514 (0xFFB1EC92)
YUV	208.0990, -30.6148, -27.2738
Hunter-Lab	84.5064, -35.2703, 32.3755

# Details

The Hex color **B1EC92** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **CD92EC**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **EAFFC9**, and **7AB45E** is the 20% darker color. If you saturate the color by 10%, you get **A2EC7A**, and if you desaturate by 10%, it is **C0ECAA**.

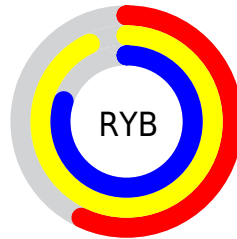
# Distribution



Red (69%)

Green (93%)

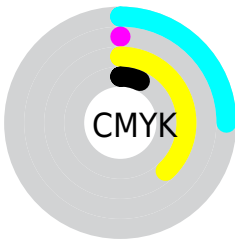
Blue (57%)



Red (57%)

Yellow (93%)

Blue (80%)

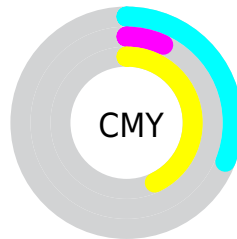


Cyan (25%)

Magenta (0%)

Yellow (38%)

Black (7%)



Cyan (31%)

Magenta (7%)

Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B1EC92 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 B1EC92 by changing the saturation by 10% instead.



 B1EC92

 B1EC92

FFFFFF

 95D078

 EAFFC9

 7AB45E

 FFFFE5

 609945

 467F2D

 2B6513

 0D4D00

 003500

 002200

 000000

 B1EC92

 B1EC92

 A2EC7A

 C0ECAA

 92EC63

 D0ECC1

 83EC4B

 DFECD9

 73EC34

 EFECF0

 64EC1C

 FEECFF

 54EC04

 FFECFF

 51EC00

# Harmonies

## Analogous

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



E7DF7B



B1EC92



70F3BD

# Triad

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



B1EC92



51E9FF



FFB5C9

# Complementary

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



B1EC92



CD92EC

# Split Complementary

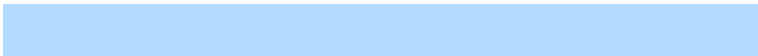
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFB9FA



B1EC92



B4DAFF

# Square

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



B1EC92



00F2FF



FBC8FF



FFBE9C

# Rectangle

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



B1EC92



2EF5DE



FBC8FF



FFB5DA

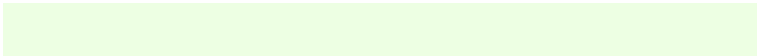


# Sweetspot

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



B1EC92



EDFFE3



ECCC92



75806F



000000



808080

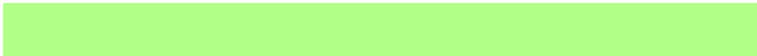


# Same Dimension

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



B1EC92



B2FF8A



92EC9F



6E756A



3EB500



123600



# Inverse Universe

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



CD92EC



D78AFF



EC92DF



716A75



7700B5

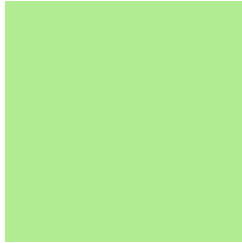


230036



# Previews

## White Background



This preview shows how the Hex color B1EC92 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 B1EC92 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

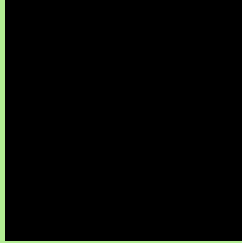
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B1EC92 Background



This preview shows how black text looks on a background with the Hex color B1EC92.

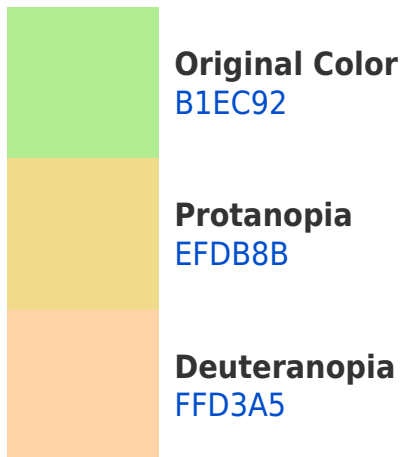


This preview shows how white text looks on a background with the Hex color B1EC92.

# 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

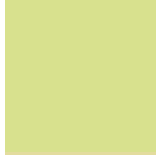




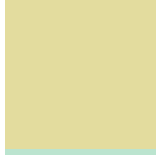
# Trichromacy



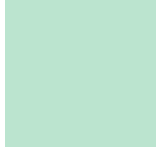
**Original Color**  
B1EC92



**Protanomaly**  
D8E18E



**Deuteranomaly**  
E3DC9E

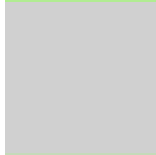


**Tritanomaly**  
BBE4CF

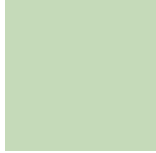
# Monochromacy



**Original Color**  
B1EC92



**Achromatopsia**  
D0D0D0



**Achromatomaly**  
C5DAB9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B1EC92 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 #B1EC92 looks like.

```
.text, #text, p{  
    color:#B1EC92  
}
```

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 #B1EC92 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1EC92
}
```

## Border

The CSS property to change the border of an element to Hex B1EC92 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
#B1EC92 }
```

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

```
.border{ border-color:#B1EC92 }
```

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

Here you see how a box with a 4 pixel #B1EC92 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1EC92; -webkit-box-shadow:4px 4px  
4px 4px #B1EC92; box-shadow:4px 4px 4px  
4px #B1EC92 }
```

# Background

The CSS property to change the background color of an element to Hex B1EC92 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1EC92 }
```

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

```
.background{ background-color:#B1EC92 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor