

Converting Colors

Hex(BB1EC1)

Have a look what the booklet for
Hex(BB1EC1) contains.

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Color

Hex(BB1EC1)

Conversions

Conversions Part 1

Format	Color
Hex	BB1EC1
RGB	187, 30, 193
RGB Percent	73%, 12%, 76%
CMY	0.2667, 0.8824, 0.2431
CMYK	0.03, 0.84, 0.00, 0.24
HSL	298°, 73%, 44%
HSV	298°, 84%, 76%
XYZ	30.5834, 15.3436, 51.8018
YIQ	95.5250, 41.2490, 83.9770

Conversions

Conversions Part 2

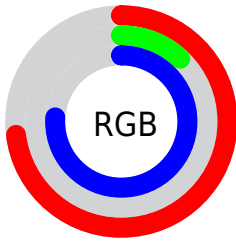
Format	Color
R _Y B	187, 30, 193
Decimal	12263105
CIE Lab	46.10, 74.95, -49.06
CIE LCh	46, 89.577, 326.791
Yxy	15.3436, 0.3129, 0.1570
Android (android.graphics.Color)	4290453185 (0xFFBB1EC1)
YUV	95.5250, 48.0552, 80.2236
Hunter-Lab	39.1709, 70.8182, -50.9887

Details

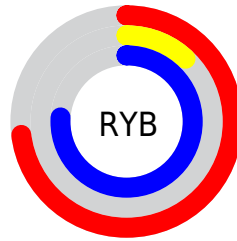
The Hex color **BB1EC1** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as middle washed purple. A complement of this color would be **24C11E**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **F762FA**, and **81008B** is the 20% darker color. If you saturate the color by 10%, you get **BA0BC1**, and if you desaturate by 10%, it is **BC31C1**.

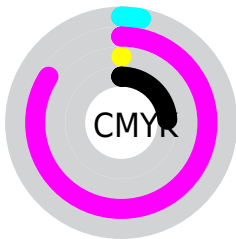
Distribution



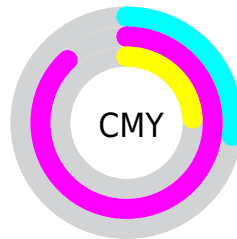
- Red (73%)
- Green (12%)
- Blue (76%)



- Red (73%)
- Yellow (12%)
- Blue (76%)



- Cyan (3%)
- Magenta (84%)
- Yellow (0%)
- Black (24%)



- Cyan (27%)
- Magenta (88%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color BB1EC1 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 BB1EC1 by changing the saturation by 10% instead.

 BB1EC1

 BB1EC1

FFFFFF

 9E00A5

 F762FA

 81008B

 FF80FF

 650070

 FF9DFF

 490057

 FFBAFF

 2E003F

 FFD8FF

 070028

 FFF6FF

 000111

 000000

 BB1EC1

 BB1EC1

 BA0BC1

 BC31C1

 BA00C1

 BC45C1

 BD58C1

 BE6BC1

 BF7EC1

 BF92C1

 C0A5C1

 C1B8C1

 C1CCCC

Harmonies

Analogous

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



395DF6



BB1EC1



E60079

Triad

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



BB1EC1



8C6800



008BB0

Complementary

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



BB1EC1



24C11E

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.



008963



BB1EC1



417C00

Square

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



BB1EC1



C34200



008500



0088EC

Rectangle

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



BB1EC1



E90048



008500



008B97

Sweetspot

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



BB1EC1



F8BBFA



1E26C1



7C577D



FCFCFC



7D7D7D

Same Dimension

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



BB1EC1



F100FA



C11E78



615761



9B00A1



200021

Inverse Universe

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



C11E24



FA0009



1EC167



615758



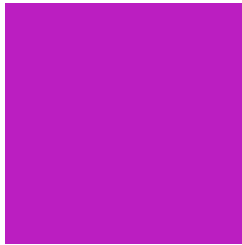
A10006



210001

Previews

White Background



This preview shows how the Hex color BB1EC1 looks on a white background.

Color Contrast Check

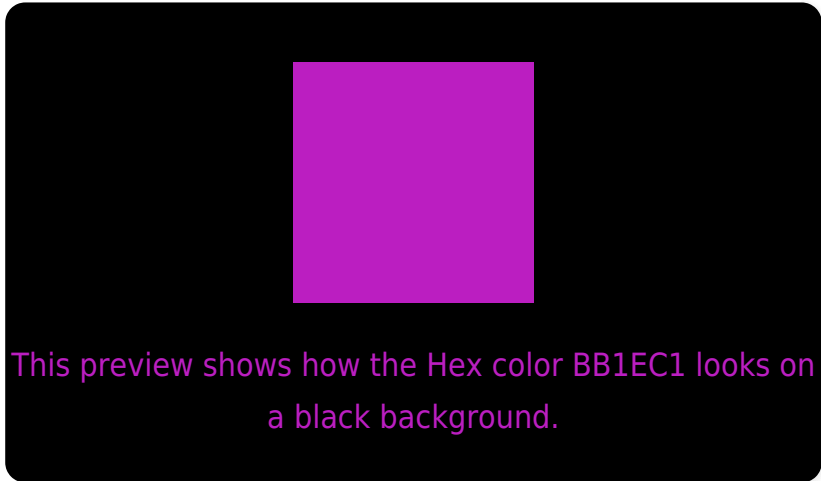
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

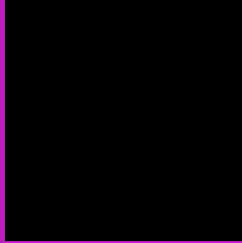
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex BB1EC1 Background



This preview shows how black text looks on a background with the Hex color BB1EC1.

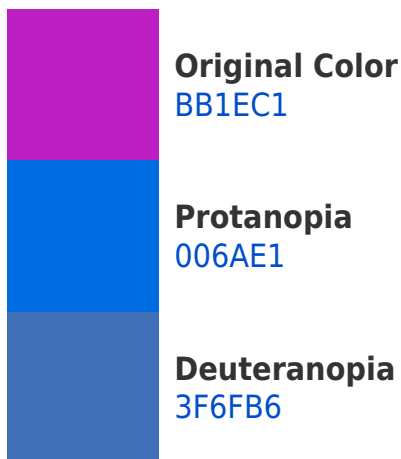


This preview shows how white text looks on a background with the Hex color BB1EC1.

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](#).

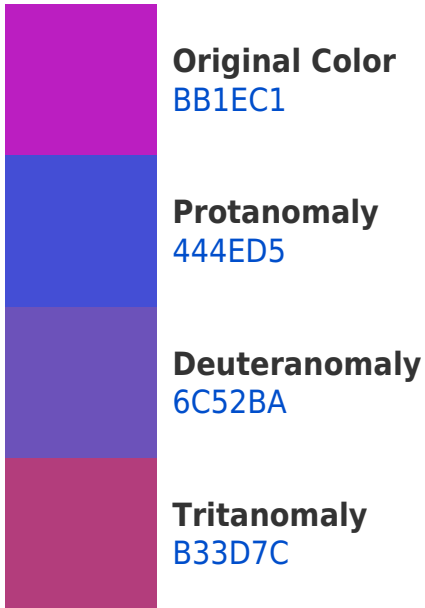
Dichromacy



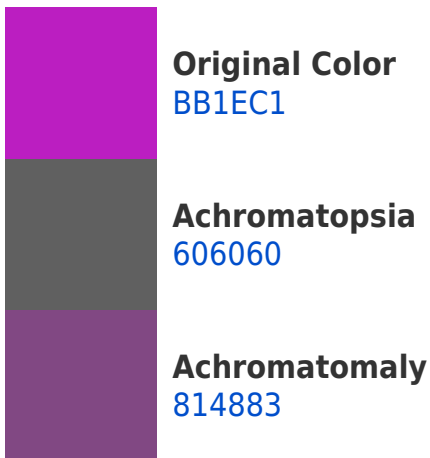


Tritanopia
AF4F55

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BB1EC1 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 #BB1EC1 looks like.

```
.text, #text, p{  
    color:#BB1EC1  
}
```

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 #BB1EC1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB1EC1
}
```

Border

The CSS property to change the border of an element to Hex BB1EC1 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
#BB1EC1 }
```

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

```
.border{ border-color:#BB1EC1 }
```

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

Here you see how a box with a 4 pixel #BB1EC1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB1EC1; -webkit-box-shadow:4px 4px  
4px 4px #BB1EC1; box-shadow:4px 4px 4px  
4px #BB1EC1 }
```

Background

The CSS property to change the background color of an element to Hex BB1EC1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB1EC1 }
```

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

```
.background{ background-color:#BB1EC1 }
```

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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