

Converting Colors

Hex(BB10CF)

Have a look what the booklet for
Hex(BB10CF) contains.

Hex(BB10CF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(BB10CF)

Conversions

Conversions Part 1

Format	Color
Hex	BB10CF
RGB	187, 16, 207
RGB Percent	73%, 6%, 81%
CMY	0.2667, 0.9373, 0.1882
CMYK	0.10, 0.92, 0.00, 0.19
HSL	294°, 86%, 44%
HSV	294°, 92%, 81%
XYZ	31.9413, 15.4404, 60.3283
YIQ	88.9030, 40.6050, 95.6530

Conversions

Conversions Part 2

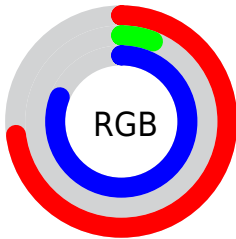
Format	Color
R_{YB}	187, 16, 207
Decimal	12259535
CIE _{Lab}	46.23, 79.38, -56.97
CIE _{LCh}	46, 97.711, 324.334
Yxy	15.4404, 0.2965, 0.1434
Android (android.graphics.Color)	4290449615 (0xFFBB10CF)
YUV	88.9030, 58.2218, 86.0311
Hunter-Lab	39.2942, 76.3332, -63.5217

Details

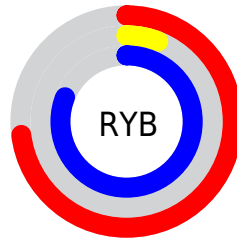
The Hex color **BB10CF** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed purple. A complement of this color would be **24CF10**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **F75EFF**, and **800098** is the 20% darker color. If you saturate the color by 10%, you get **B900CF**, and if you desaturate by 10%, it is **BD25CF**.

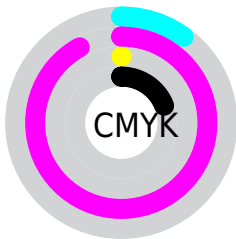
Distribution



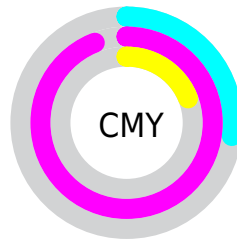
- Red (73%)
- Green (6%)
- Blue (81%)



- Red (73%)
- Yellow (6%)
- Blue (81%)



- Cyan (10%)
- Magenta (92%)
- Yellow (0%)
- Black (19%)



- Cyan (27%)
- Magenta (94%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color BB10CF 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 BB10CF by changing the saturation by 10% instead.

 BB10CF

 BB10CF

FFFFFF

 9E00B3

 F75EFF

 800098

 FF7CFF

 64007D

 FF99FF

 470063

 FFB7FF

 2B004A

 FFD4FF

 020033

 FFF3FF

 00021C

 000000

 BB10CF

 BB10CF

 B900CF

 BD25CF

 BF39CF

 C24ECF

 C463CF

 C678CF

 C88CCF

 CAA1CF

 CCB6CF

 CFCACF

Harmonies

Analogous

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



0060FF



BB10CF



EE0081

Triad

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



BB10CF



936600



008DB0

Complementary

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



BB10CF



24CF10

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.



008B5B



BB10CF



427C00

Square

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



BB10CF



CD3600



008700



008BF4

Rectangle

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



BB10CF



F4004C



008700



008C94

Sweetspot

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



BB10CF



F8B8FF



1026CF



7B5480



000000



808080

Same Dimension

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



BB10CF



E400FF



CF1086



675E69



9700A8



250029

Inverse Universe

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



CF1024



FF001B



10CF59



695E5F



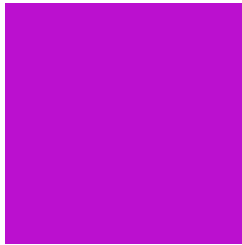
A80012



290004

Previews

White Background



This preview shows how the Hex color BB10CF looks on a white background.

Color Contrast Check

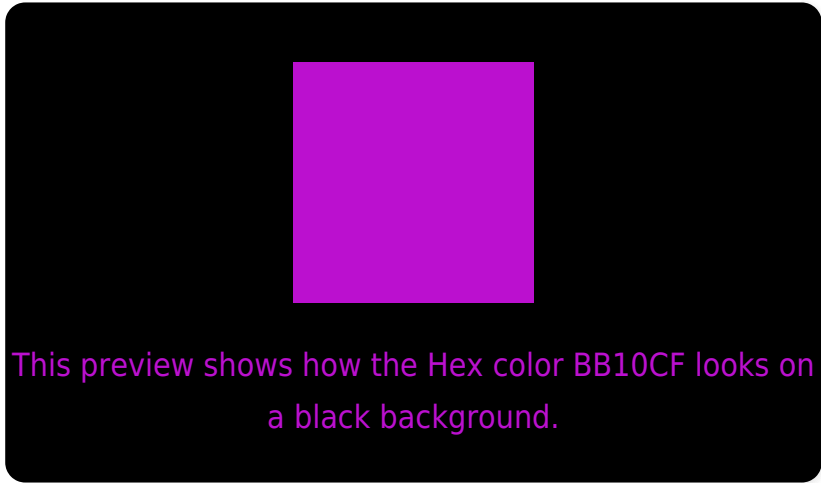
Large Text (above 18pt) WCAG AA ✓ Pass

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

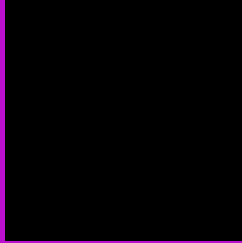
Any Text WCAG AA × Fail

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 BB10CF Background



This preview shows how black text looks on a background with the Hex color BB10CF.



This preview shows how white text looks on a background with the Hex color BB10CF.

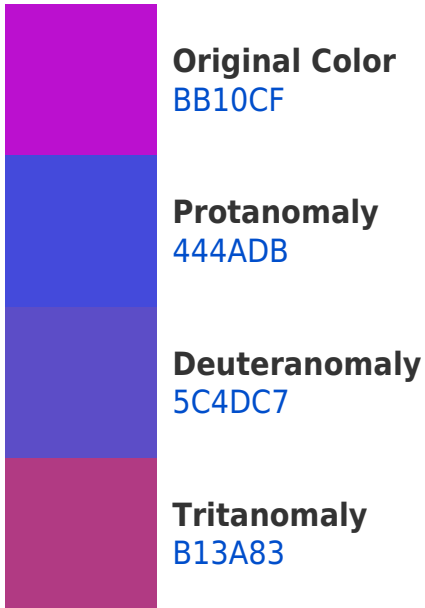
Color Blindness Simulation

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](#).

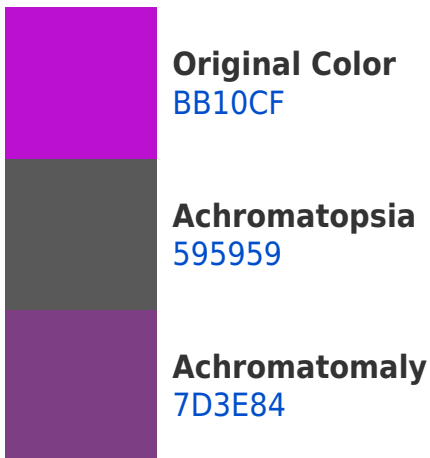
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BB10CF 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 #BB10CF looks like.

```
.text, #text, p{  
    color:#BB10CF  
}
```

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 #BB10CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB10CF
}
```

Border

The CSS property to change the border of an element to Hex BB10CF 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".

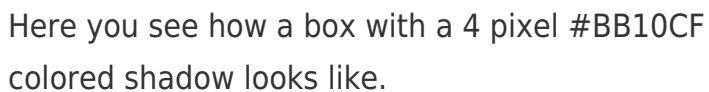
```
.border, #border, table{ border:4px solid
#BB10CF }
```

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

```
.border{ border-color:#BB10CF }
```

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

Here you see how a box with a 4 pixel #BB10CF colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB10CF; -webkit-box-shadow:4px 4px  
4px 4px #BB10CF; box-shadow:4px 4px 4px  
4px #BB10CF }
```

Background

The CSS property to change the background color of an element to Hex BB10CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB10CF }
```

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

```
.background{ background-color:#BB10CF }
```

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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