

Converting Colors

Hex(BB33C8)

Have a look what the booklet for
Hex(BB33C8) contains.

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Color

Hex(**BB33C8**)

Conversions

Conversions Part 1

Format	Color
Hex	BB33C8
RGB	187, 51, 200
RGB Percent	73%, 20%, 78%
CMY	0.2667, 0.8000, 0.2157
CMYK	0.07, 0.75, 0.00, 0.22
HSL	295°, 59%, 49%
HSV	295°, 74%, 78%
XYZ	32.1027, 17.1026, 56.2527
YIQ	108.6500, 33.2270, 75.1710

Conversions

Conversions Part 2

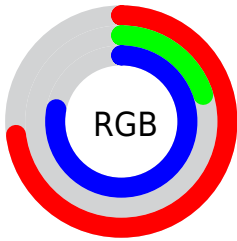
Format	Color
RYB	187, 51, 200
Decimal	12268488
CIELab	48.39, 70.67, -49.47
CIELCh	48, 86.260, 325.009
Yxy	17.1026, 0.3044, 0.1622
Android (android.graphics.Color)	4290458568 (0xFFBB33C8)
YUV	108.6500, 45.0356, 68.7130
Hunter-Lab	41.3553, 66.1917, -51.6994

Details

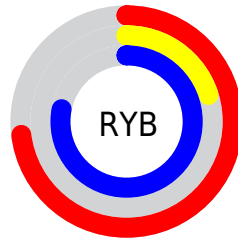
The Hex color **BB33C8** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as middle muted purple. A complement of this color would be **40C833**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **F66FFF**, and **810091** is the 20% darker color. If you saturate the color by 10%, you get **B91FC8**, and if you desaturate by 10%, it is **BD47C8**.

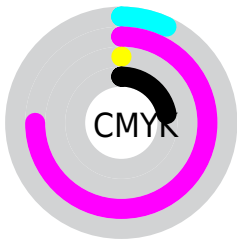
Distribution



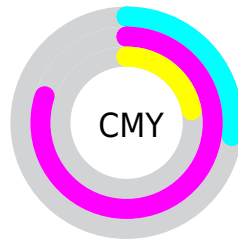
- Red (73%)
- Green (20%)
- Blue (78%)



- Red (73%)
- Yellow (20%)
- Blue (78%)



- Cyan (7%)
- Magenta (75%)
- Yellow (0%)
- Black (22%)



- Cyan (27%)
- Magenta (80%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color BB33C8 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 BB33C8 by changing the saturation by 10% instead.

 BB33C8

 BB33C8

FFFFFF

 9E02AC

 F66FFF

 810091

 FF8CFF

 650077

 FFA9FF

 4A005D

 FFC6FF

 300045

 FFE3FF

 0C002E

 000118

 000000

 BB33C8

 BB33C8

 B91FC8

 BD47C8

 B80BC8

 BE5BC8

 B700C8

 C06FC8

 C283C8

 C497C8

 C5ABC8

 C7BFC8

 C9D3C8

 CBE7C8

Harmonies

Analogous

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



3965FA



BB33C8



E80082

Triad

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



BB33C8



976C00



0090AF

Complementary

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



BB33C8



40C833

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.



008F64



BB33C8



508100

Square

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



BB33C8



CB4700



008B08



008DEB

Rectangle

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



BB33C8



ED0052



008B08



009097

Sweetspot

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



BB33C8



FAC7FF



3342C8



7D5E80



000000



808080

Same Dimension

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



BB33C8



EB1CFF



C8338C



635A63



9500A3



210024

Inverse Universe

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



C83340



FF1C30



33C86F



635A5A



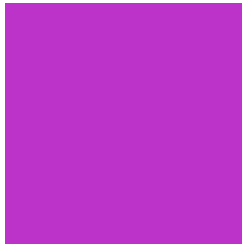
A3000E



240003

Previews

White Background



This preview shows how the Hex color BB33C8 looks on a white background.

Color Contrast Check

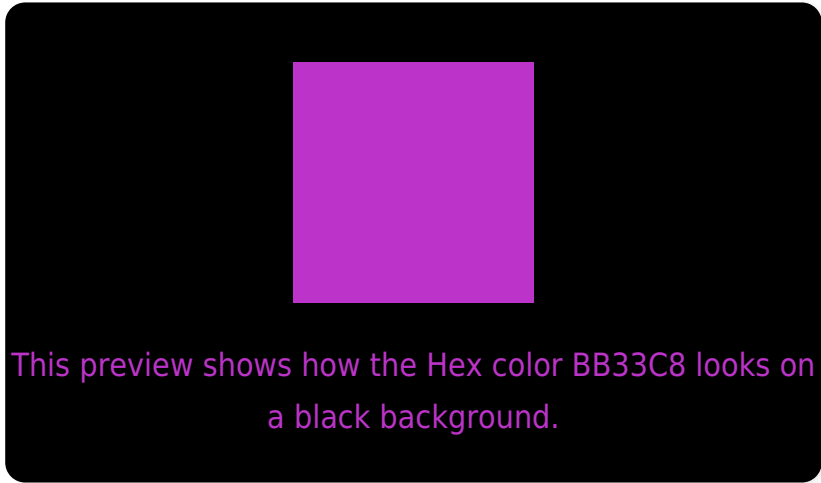
Large Text (above 18pt) WCAG AA ✓ Pass

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

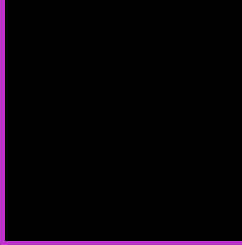
Any Text WCAG AA × Fail

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 BB33C8 Background



This preview shows how black text looks on a background with the Hex color BB33C8.




This preview shows how white text looks on a background with the Hex color BB33C8.

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](#).

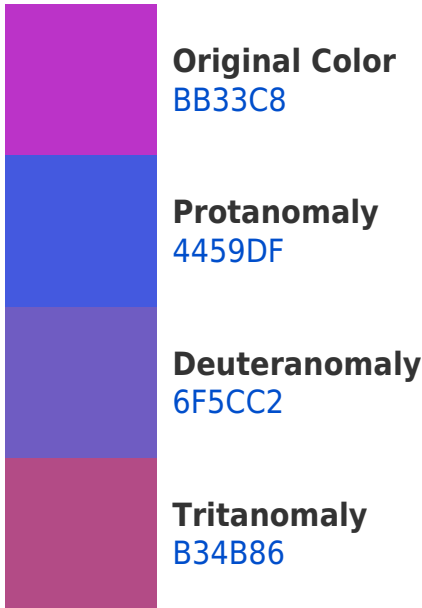
Dichromacy



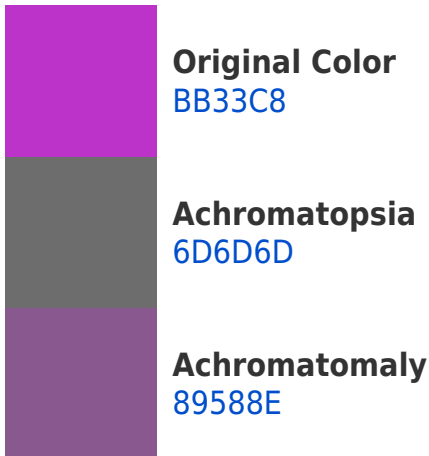


Tritanopia
AE5960

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BB33C8 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 #BB33C8 looks like.

```
.text, #text, p{  
    color:#BB33C8  
}
```

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 #BB33C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB33C8
}
```

Border

The CSS property to change the border of an element to Hex BB33C8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

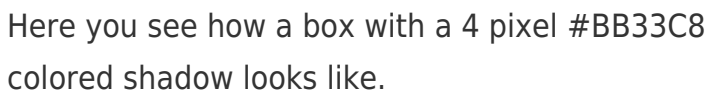
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BB33C8 }
```

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

```
.border{ border-color:#BB33C8 }
```

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



Here you see how a box with a 4 pixel #BB33C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB33C8; -webkit-box-shadow:4px 4px  
4px 4px #BB33C8; box-shadow:4px 4px 4px  
4px #BB33C8 }
```

Background

The CSS property to change the background color of an element to Hex BB33C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB33C8 }
```

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

```
.background{ background-color:#BB33C8 }
```

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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