

Converting Colors

Hex(BF2CB8)

Have a look what the booklet for
Hex(BF2CB8) contains.

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Color

Hex(BF2CB8)

Conversions

Conversions Part 1

Format	Color
Hex	BF2CB8
RGB	191, 44, 184
RGB Percent	75%, 17%, 72%
CMY	0.2510, 0.8275, 0.2784
CMYK	0.00, 0.77, 0.04, 0.25
HSL	303°, 63%, 46%
HSV	303°, 77%, 75%
XYZ	31.0383, 16.3384, 46.8651
YIQ	103.9130, 42.6720, 74.7040

Conversions

Conversions Part 2

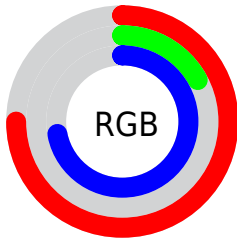
Format	Color
R_{YB}	191, 44, 184
Decimal	12528824
CIE _{Lab}	47.42, 70.97, -41.67
CIE _{LCh}	47, 82.301, 329.583
Yxy	16.3384, 0.3293, 0.1734
Android (android.graphics.Color)	4290718904 (0xFFBF2CB8)
YUV	103.9130, 39.4829, 76.3753
Hunter-Lab	40.4208, 66.3299, -40.4481

Details

The Hex color **BF2CB8** is a dark color, and the websafe version is hex **CC33CC**. A complement of this color would be **2CBF33**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **FB6BF1**, and **850082** is the 20% darker color. If you saturate the color by 10%, you get **BF19B7**, and if you desaturate by 10%, it is **BF3FB9**.

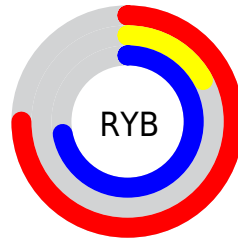
Distribution



Red (75%)

Green (17%)

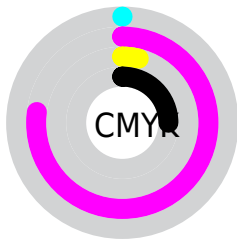
Blue (72%)



Red (75%)

Yellow (17%)

Blue (72%)

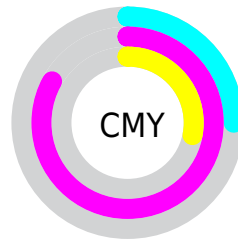


Cyan (0%)

Magenta (77%)

Yellow (4%)

Black (25%)



Cyan (25%)

Magenta (83%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color BF2CB8 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 BF2CB8 by changing the saturation by 10% instead.

 BF2CB8

 BF2CB8

FFFFFF

 A2009D

 FB6BF1

 850082

 FF87FF

 690069

 FFA4FF

 4D0050

 FFC1FF

 340038

 FFDFFF

 120022

 FFFDFF

 000007

 000000

 BF2CB8

 BF2CB8

 BF19B7

 BF3FB9

 BF06B6

 BF52BA

 BF00B6

 BF65BB

 BF78BC

 BF8CBD

 BF9FBD

 BFB2BE

 BFC5BF

 BFD8C0

Harmonies

Analogous

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



5D5EEB



BF2CB8



E30075

Triad

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



BF2CB8



8A6E00



008DB4

Complementary

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



BF2CB8



2CBF33

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.



008C6E



BF2CB8



437F00

Square

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



BF2CB8



BE4E00



008820



0088E9

Rectangle

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



BF2CB8



E40047



008820



008D9D

Sweetspot

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



BF2CB8



F7BEF5



312CBF



7D5A7B



FCFCFC



7D7D7D

Same Dimension

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



BF2CB8



F714ED



BF2C71



5E555E



9E0097



1F001D

Inverse Universe

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



BF2CB8



F714ED



2CBF7A



5E555E



9E0097



1F001D

Previews

White Background



This preview shows how the Hex color BF2CB8 looks on a white background.

Color Contrast Check

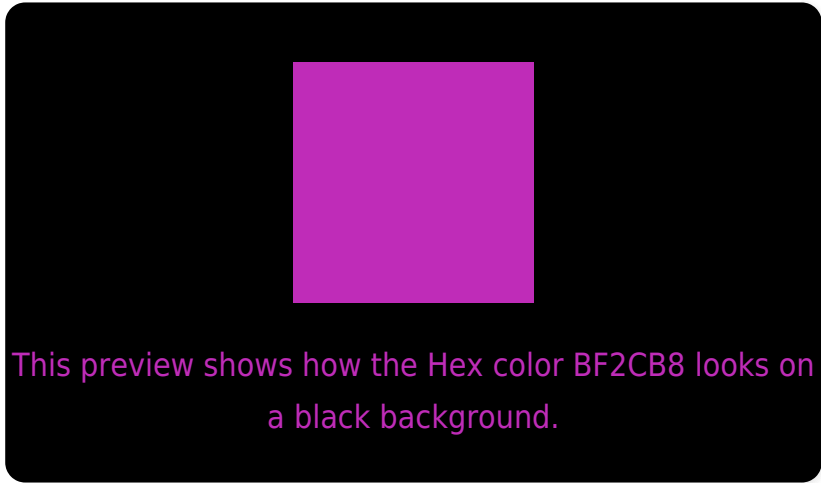
Large Text (above 18pt) WCAG AA ✓ Pass

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

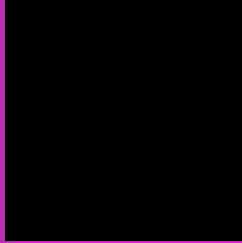
Any Text WCAG AA × Fail

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 BF2CB8 Background



This preview shows how black text looks on a background with the Hex color BF2CB8.

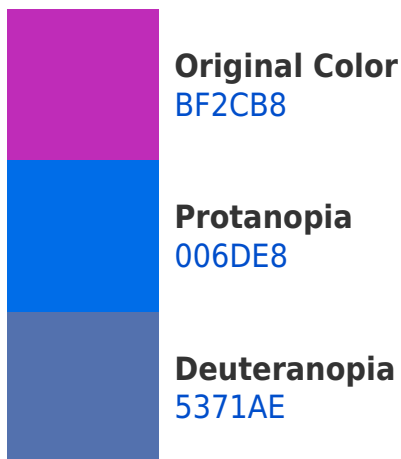


This preview shows how white text looks on a background with the Hex color BF2CB8.

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](#).

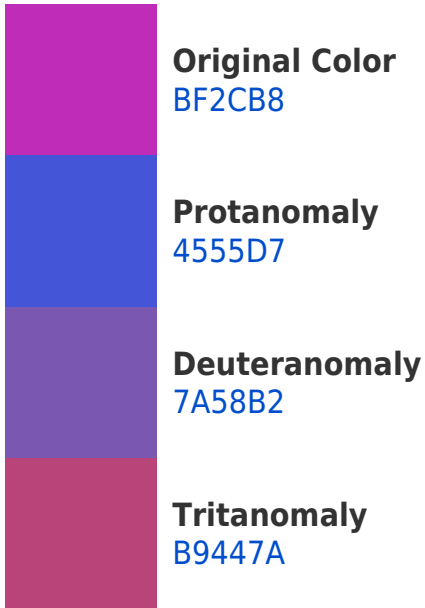
Dichromacy



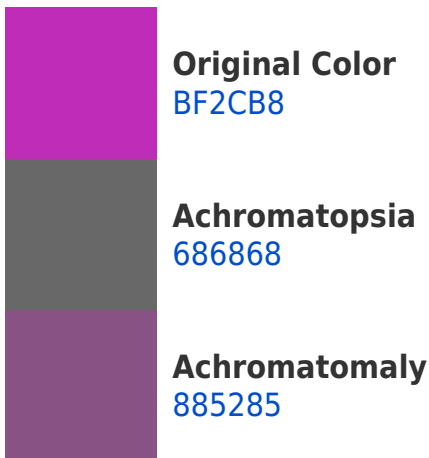


Tritanopia
B55156

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BF2CB8 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 #BF2CB8 looks like.

```
.text, #text, p{  
    color:#BF2CB8  
}
```

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 #BF2CB8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BF2CB8 }  
}
```

Border

The CSS property to change the border of an element to Hex BF2CB8 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 #BF2CB8 }  
}
```

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

```
.border{ border-color:#BF2CB8 }
```

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

Here you see how a box with a 4 pixel #BF2CB8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BF2CB8; -webkit-box-shadow:4px 4px  
4px 4px #BF2CB8; box-shadow:4px 4px 4px  
4px #BF2CB8 }
```

Background

The CSS property to change the background color of an element to Hex BF2CB8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BF2CB8 }
```

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

```
.background{ background-color:#BF2CB8 }
```

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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