

Converting Colors

Hex(B30CBF)

Have a look what the booklet for
Hex(B30CBF) contains.

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Color

Hex(B30CBF)

Conversions

Conversions Part 1

Format	Color
Hex	B30CBF
RGB	179, 12, 191
RGB Percent	70%, 5%, 75%
CMY	0.2980, 0.9529, 0.2510
CMYK	0.06, 0.94, 0.00, 0.25
HSL	296°, 88%, 40%
HSV	296°, 94%, 75%
XYZ	28.1258, 13.6082, 50.4345
YIQ	82.3390, 42.0730, 91.0730

Conversions

Conversions Part 2

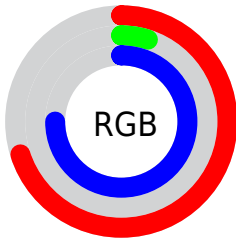
Format	Color
RYB	179, 12, 191
Decimal	11734207
CIELab	43.67, 76.01, -51.87
CIElCh	44, 92.024, 325.688
Yxy	13.6082, 0.3052, 0.1476
Android (android.graphics.Color)	4289924287 (0xFFB30CBF)
YUV	82.3390, 53.5699, 84.7717
Hunter-Lab	36.8893, 71.5389, -55.2377

Details

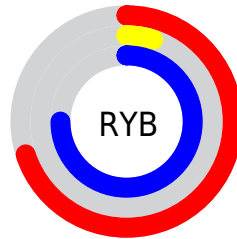
The Hex color **B30CBF** is a dark color, and the websafe version is hex **CC00CC**. A complement of this color would be **18BF0C**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **EF5AF8**, and **790089** is the 20% darker color. If you saturate the color by 10%, you get **B200BF**, and if you desaturate by 10%, it is **B41FBF**.

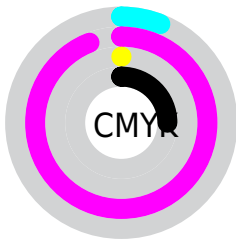
Distribution



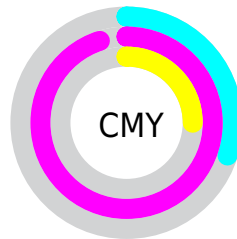
- Red (70%)
- Green (5%)
- Blue (75%)



- Red (70%)
- Yellow (5%)
- Blue (75%)



- Cyan (6%)
- Magenta (94%)
- Yellow (0%)
- Black (25%)



- Cyan (30%)
- Magenta (95%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color B30CBF 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 B30CBF by changing the saturation by 10% instead.

 B30CBF

 B30CBF

FFFFFF

 9600A3

 EF5AF8

 790089

 FF78FF

 5D006F

 FF95FF

 410055

 FFB2FF

 25003D

 FFD0FF

 000026

 FFEEFF

 00010F

 000000

 B30CBF

 B30CBF

 B200BF

 B41FBF

 B632BF

 B745BF

 B858BF

 B96CBF

 BB7FBF

 BC92BF

 BDA5BF

 BFB8BF

Harmonies

Analogous

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



0558F4



B30CBF



E00076

Triad

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



B30CBF



886100



0085A8

Complementary

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



B30CBF



18BFOC

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.



00835A



B30CBF



3B7600

Square

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



B30CBF



BF3700



007F00



0082E7

Rectangle

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



B30CBF



E40044



007F00



00848F

Sweetspot

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



B30CBF



F3B2F7



0C1BBF



7A527D



FCFCFC



7D7D7D

Same Dimension

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



B30CBF



E700F7



BF0C74



5E555E



94009E



1D001F

Inverse Universe

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



BF0C18



F70011



0CBF57



5E5556



9E000B



1F0002

Previews

White Background



This preview shows how the Hex color B30CBF looks on a white background.

Color Contrast Check

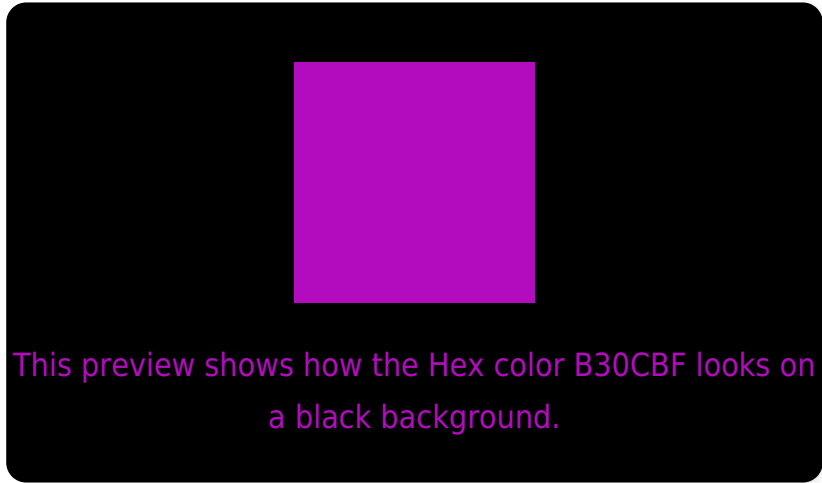
Large Text (above 18pt) WCAG AA ✓ Pass

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

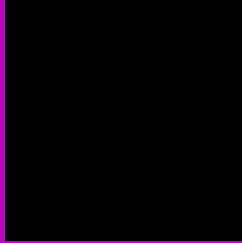
Any Text WCAG AA × Fail

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 B30CBF Background



This preview shows how black text looks on a background with the Hex color B30CBF.

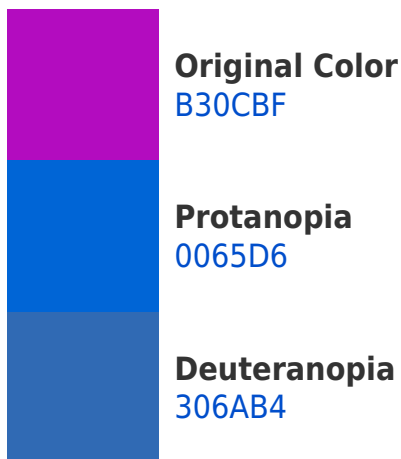


This preview shows how white text looks on a background with the Hex color B30CBF.

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](#).

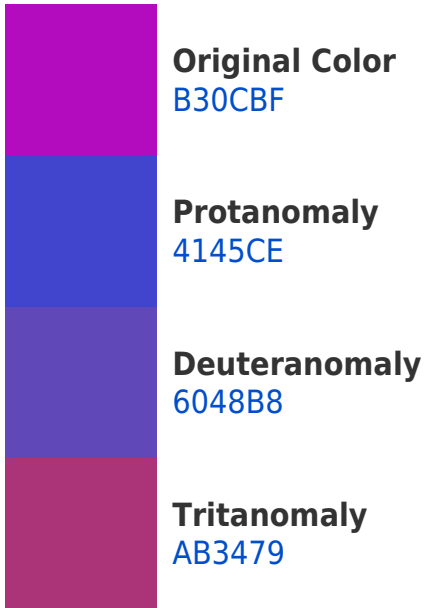
Dichromacy



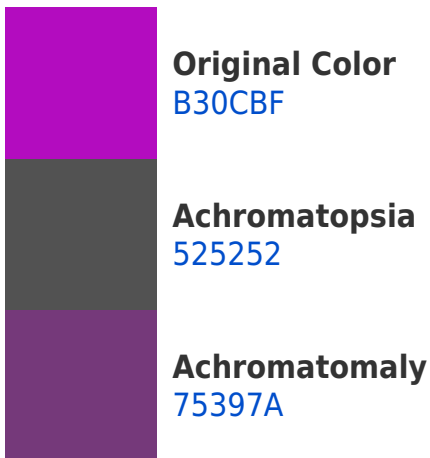


Tritanopia
A64B51

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B30CBF 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 #B30CBF looks like.

```
.text, #text, p{  
    color:#B30CBF  
}
```

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 #B30CBF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B30CBF
}
```

Border

The CSS property to change the border of an element to Hex B30CBF 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
#B30CBF }
```

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

```
.border{ border-color:#B30CBF }
```

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

Here you see how a box with a 4 pixel #B30CBF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B30CBF; -webkit-box-shadow:4px 4px  
4px 4px #B30CBF; box-shadow:4px 4px 4px  
4px #B30CBF }
```

Background

The CSS property to change the background color of an element to Hex B30CBF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B30CBF }
```

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

```
.background{ background-color:#B30CBF }
```

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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