

Converting Colors

Hex(B213BF)

Have a look what the booklet for
Hex(B213BF) contains.

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Color

Hex(B213BF)

Conversions

Conversions Part 1

Format	Color
Hex	B213BF
RGB	178, 19, 191
RGB Percent	70%, 7%, 75%
CMY	0.3020, 0.9255, 0.2510
CMYK	0.07, 0.90, 0.00, 0.25
HSL	295°, 82%, 41%
HSV	295°, 90%, 75%
XYZ	27.9969, 13.6923, 50.4575
YIQ	86.1490, 39.5520, 87.2000

Conversions

Conversions Part 2

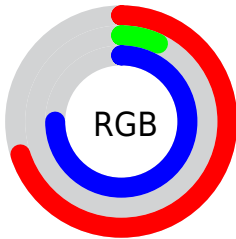
Format	Color
R_{YB}	178, 19, 191
Decimal	11670463
CIE _{Lab}	43.79, 74.97, -51.69
CIE _{LCh}	44, 91.062, 325.417
Yxy	13.6923, 0.3038, 0.1486
Android (android.graphics.Color)	4289860543 (0xFFB213BF)
YUV	86.1490, 51.6915, 80.5533
Hunter-Lab	37.0031, 70.2995, -54.9457

Details

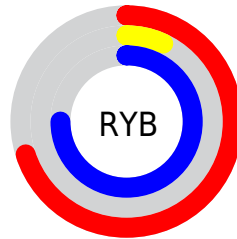
The Hex color **B213BF** is a dark color, and the websafe version is hex **CC33CC**. A complement of this color would be **20BF13**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **ED5CF8**, and **780089** is the 20% darker color. If you saturate the color by 10%, you get **B100BF**, and if you desaturate by 10%, it is **B326BF**.

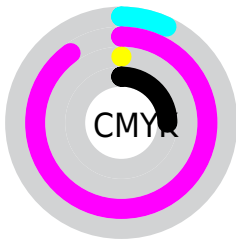
Distribution



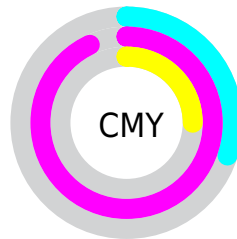
- Red (70%)
- Green (7%)
- Blue (75%)



- Red (70%)
- Yellow (7%)
- Blue (75%)



- Cyan (7%)
- Magenta (90%)
- Yellow (0%)
- Black (25%)



- Cyan (30%)
- Magenta (93%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color B213BF 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 B213BF by changing the saturation by 10% instead.

 B213BF

 B213BF

FFFFFF

 9500A3

 ED5CF8

 780089

 FF7AFF

 5C006F

 FF97FF

 410055

 FFB4FF

 24003D

 FFD1FF

 000026

 FFEFFF

 00010F

 000000

 B213BF

 B213BF

 B100BF

 B326BF

 B539BF

 B64CBF

 B85FBF

 B972BF

 BB86BF

 BC99BF

 BEACBF

 BFBFBF

Harmonies

Analogous

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



0659F3



B213BF



DF0077

Triad

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



B213BF



886100



0085A7

Complementary

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



B213BF



20BF13

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.



008359



B213BF



3D7600

Square

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



B213BF



BF3700



007F00



0082E6

Rectangle

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



B213BF



E40045



007F00



00848E

Sweetspot

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



B213BF



F2B5F7



1321BF



7A557D



FCFCFC



7D7D7D

Same Dimension

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



B213BF



E500F7



BF1377



5E555E



92009E



1C001F

Inverse Universe

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



BF1320



F70013



13BF5B



5E5556



9E000C



1F0002

Previews

White Background



This preview shows how the Hex color B213BF looks on a white background.

Color Contrast Check

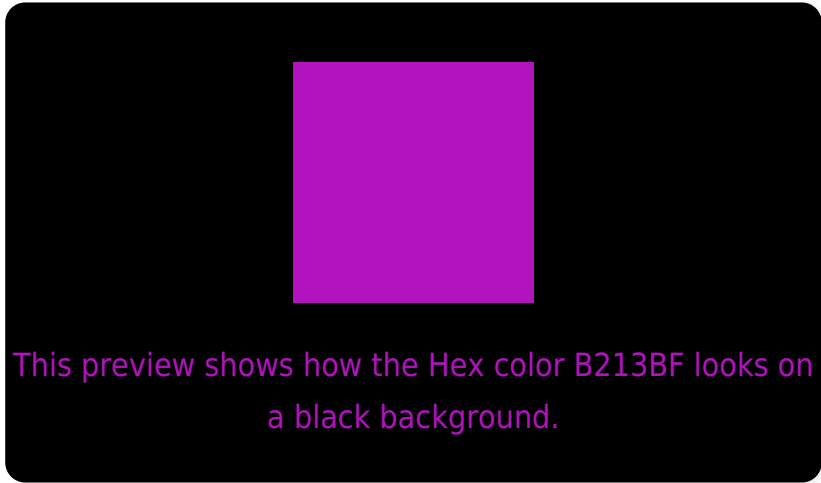
Large Text (above 18pt) WCAG AA ✓ Pass

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

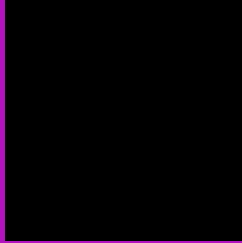
Any Text WCAG AA × Fail

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 B213BF Background



This preview shows how black text looks on a background with the Hex color B213BF.

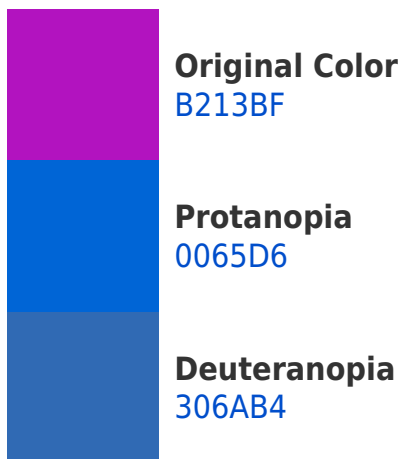


This preview shows how white text looks on a background with the Hex color B213BF.

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



Original Color
B213BF



Protanomaly
4147CE



Deuteranomaly
5F4AB8



Tritanomaly
AA377A

Monochromacy



Original Color
B213BF



Achromatopsia
565656



Achromatomaly
773E7C

CSS Examples

Text

The CSS property to change the color of the text to Hex B213BF 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 #B213BF looks like.

```
.text, #text, p{  
    color:#B213BF  
}
```

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 #B213BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B213BF
}
```

Border

The CSS property to change the border of an element to Hex B213BF is called "border". The border property can be set on classes, ids or directly on the HTML element.

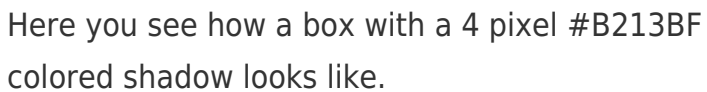
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B213BF }
```

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

```
.border{ border-color:#B213BF }
```

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



Here you see how a box with a 4 pixel #B213BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B213BF; -webkit-box-shadow:4px 4px  
4px 4px #B213BF; box-shadow:4px 4px 4px  
4px #B213BF }
```

Background

The CSS property to change the background color of an element to Hex B213BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B213BF }
```

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

```
.background{ background-color:#B213BF }
```

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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