

Converting Colors

Hex(B205CC)

Have a look what the booklet for
Hex(B205CC) contains.

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Color

Hex(B205CC)

Conversions

Conversions Part 1

Format	Color
Hex	B205CC
RGB	178, 5, 204
RGB Percent	70%, 2%, 80%
CMY	0.3020, 0.9804, 0.2000
CMYK	0.13, 0.98, 0.00, 0.20
HSL	292°, 95%, 41%
HSV	292°, 98%, 80%
XYZ	29.3135, 13.9332, 58.2711
YIQ	79.4130, 39.2290, 98.5650

Conversions

Conversions Part 2

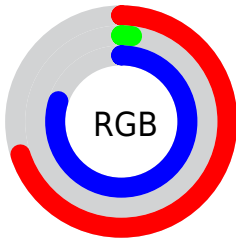
Format	Color
RYB	178, 5, 204
Decimal	11666892
CIELab	44.14, 78.60, -58.69
CIELCh	44, 98.100, 323.251
Yxy	13.9332, 0.2888, 0.1372
Android (android.graphics.Color)	4289856972 (0xFFB205CC)
YUV	79.4130, 61.4214, 86.4608
Hunter-Lab	37.3271, 74.8557, -66.4282

Details

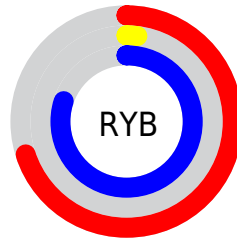
The Hex color **B205CC** is a dark color, and the websafe version is hex **9900CC**. The color can be described as dark washed purple. A complement of this color would be **1FCC05**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **EE59FF**, and **780095** is the 20% darker color. If you saturate the color by 10%, you get **B100CC**, and if you desaturate by 10%, it is **B519CC**.

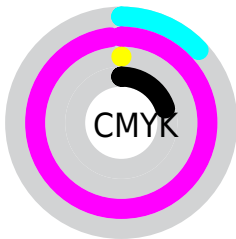
Distribution



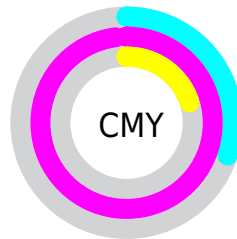
- Red (70%)
- Green (2%)
- Blue (80%)



- Red (70%)
- Yellow (2%)
- Blue (80%)



- Cyan (13%)
- Magenta (98%)
- Yellow (0%)
- Black (20%)



- Cyan (30%)
- Magenta (98%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color B205CC 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 B205CC by changing the saturation by 10% instead.

 B205CC

 B205CC

FFFFFF

 9500B0

 EE59FF

 780095

 FF77FF

 5B007A


 FF94FF

 3F0060

 FFB2FF

 210048

 FFCFFF

 000030

 FFEDFF

 00011A

 000000

 B205CC

 B205CC

 B100CC

 B519CC

 B72ECC

 BA42CC

 BD57CC

 BF6BCC

 C27FCC

 C594CC

 C7A8CC

 CABDCC

Harmonies

Analogous

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



005CFF



B205CC



E7007F

Triad

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



B205CC



8F5F00



0087A8

Complementary

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



B205CC



1FCC05

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.



008553



B205CC



3F7600

Square

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



B205CC



C82B00



008100



0085ED

Rectangle

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



B205CC



ED0049



008100



00878C

Sweetspot

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



B205CC



F5B5FF



0520CC



7A5380



000000



808080

Same Dimension

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



B205CC



DE00FF



CC0583



655C66



9000A6



210026

Inverse Universe

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



CC051F



FF0021



05CC4E



665C5D



A60016



260005

Previews

White Background



This preview shows how the Hex color B205CC looks on a white background.

Color Contrast Check

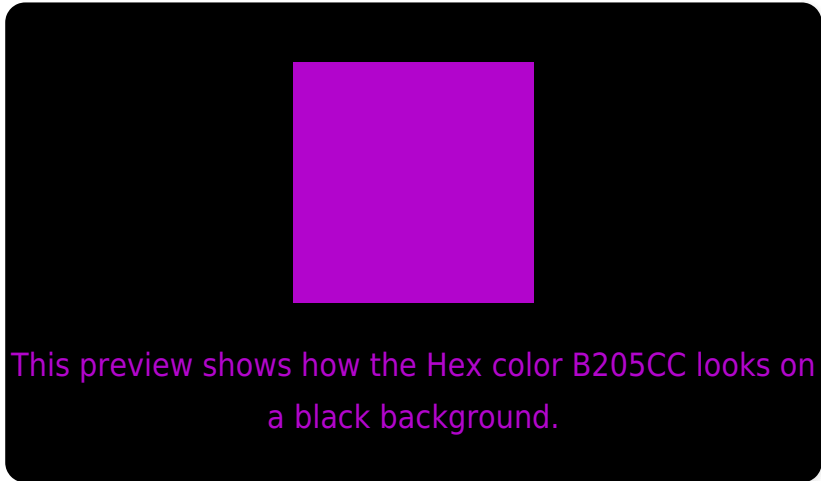
Large Text (above 18pt) WCAG AA ✓ Pass

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

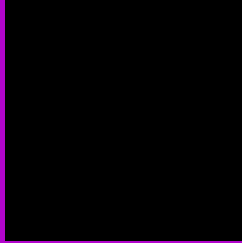
Any Text WCAG AA × Fail

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 B205CC Background



This preview shows how black text looks on a background with the Hex color B205CC.

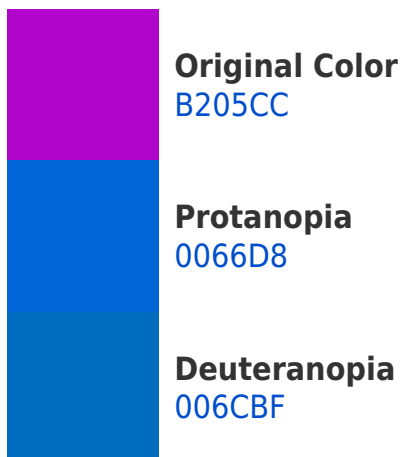


This preview shows how white text looks on a background with the Hex color B205CC.

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
A35056

Trichromacy



Original Color
B205CC



Protanomaly
4143D4



Deuteranomaly
4147C4



Tritanomaly
A83581

Monochromacy



Original Color
B205CC



Achromatopsia
4F4F4F



Achromatomaly
73347C

CSS Examples

Text

The CSS property to change the color of the text to Hex B205CC 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 #B205CC looks like.

```
.text, #text, p{  
    color:#B205CC  
}
```

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 #B205CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B205CC
}
```

Border

The CSS property to change the border of an element to Hex B205CC is called "border". The border property can be set on classes, ids or directly on the HTML element.

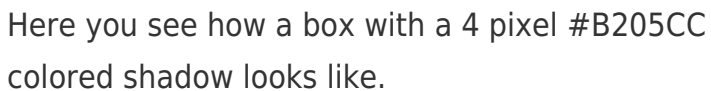
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B205CC }
```

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

```
.border{ border-color:#B205CC }
```

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



Here you see how a box with a 4 pixel #B205CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B205CC; -webkit-box-shadow:4px 4px  
4px 4px #B205CC; box-shadow:4px 4px 4px  
4px #B205CC }
```

Background

The CSS property to change the background color of an element to Hex B205CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B205CC }
```

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

```
.background{ background-color:#B205CC }
```

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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