

Converting Colors

Hex(B705B7)

Have a look what the booklet for
Hex(B705B7) contains.

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Color

Hex(B705B7)

Conversions

Conversions Part 1

Format	Color
Hex	B705B7
RGB	183, 5, 183
RGB Percent	72%, 2%, 72%
CMY	0.2824, 0.9804, 0.2824
CMYK	0.00, 0.97, 0.00, 0.28
HSL	300°, 95%, 37%
HSV	300°, 97%, 72%
XYZ	28.1300, 13.5947, 45.9412
YIQ	78.5140, 48.9500, 93.0940

Conversions

Conversions Part 2

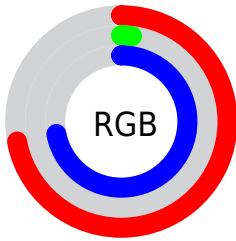
Format	Color
R_{YB}	183, 5, 183
Decimal	11994551
CIE Lab	43.65, 76.11, -47.17
CIE LCh	44, 89.543, 328.212
Yxy	13.5947, 0.3209, 0.1551
Android (android.graphics.Color)	4290184631 (0xFFB705B7)
YUV	78.5140, 51.5116, 91.6342
Hunter-Lab	36.8710, 71.6585, -48.0654

Details

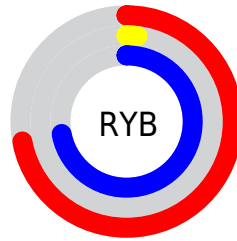
The Hex color **B705B7** is a dark color, and the websafe version is hex **CC33CC**. A complement of this color would be **05B705**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **F359F0**, and **7D0081** is the 20% darker color. If you saturate the color by 10%, you get **B700B7**, and if you desaturate by 10%, it is **B717B7**.

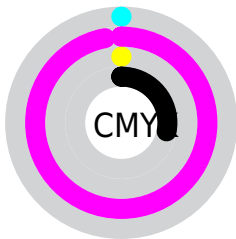
Distribution



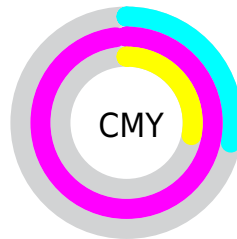
- Red (72%)
- Green (2%)
- Blue (72%)



- Red (72%)
- Yellow (2%)
- Blue (72%)



- Cyan (0%)
- Magenta (97%)
- Yellow (0%)
- Black (28%)



- Cyan (28%)
- Magenta (98%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color B705B7 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 B705B7 by changing the saturation by 10% instead.

 B705B7

 B705B7

FFFFFF

 9A009C

 F359F0

 7D0081

 FF77FF

 610067

 FF94FF

 45004F

 FFB1FF

 290037

 FFCFFF

 000020

 FFEDFF

 000004

 000000

 B705B7

 B705B7

 B700B7

 B717B7

 B72AB7

 B73CB7

 B74EB7

 B761B7

 B773B7

 B785B7

 B797B7

 B7AAB7

Harmonies

Analogous

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



3C55ED



B705B7



DF006F

Triad

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



B705B7



826300



0084AC

Complementary

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



B705B7



05B705

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.



008361



B705B7



357600

Square

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



B705B7



B93E00



007F00



0081E7

Rectangle

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



B705B7



E1003F



007F00



008494

Sweetspot

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



B705B7



EDA8ED



0505B7



784E78



F7F7F7



787878

Same Dimension

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



B705B7



ED00ED



B7055E



5C535C



9C009C



1C001C

Inverse Universe

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



B705B7



ED00ED



05B75E



5C535C



9C009C



1C001C

Previews

White Background



This preview shows how the Hex color B705B7 looks on a white background.

Color Contrast Check

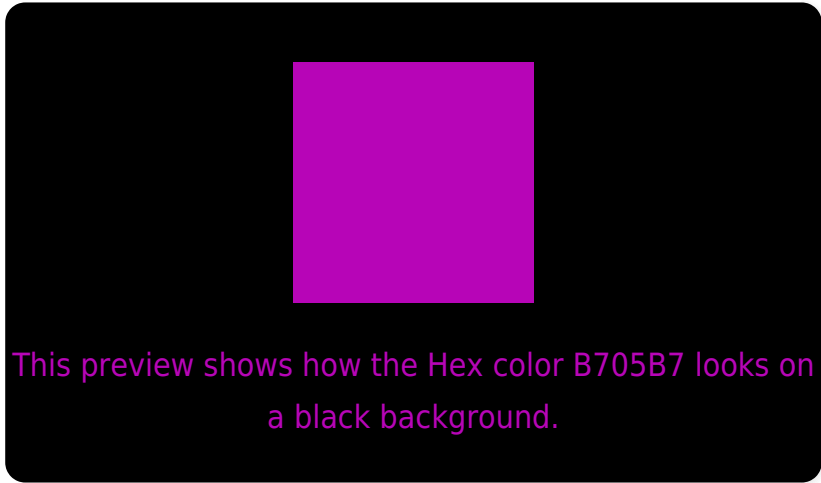
Large Text (above 18pt) WCAG AA ✓ Pass

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

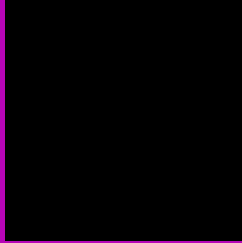
Any Text WCAG AA × Fail

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 B705B7 Background



This preview shows how black text looks on a background with the Hex color B705B7.

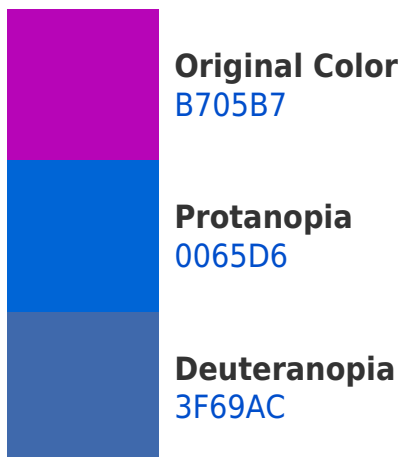


This preview shows how white text looks on a background with the Hex color B705B7.

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
B705B7



Protanomaly
4342CB



Deuteranomaly
6B45B0



Tritanomaly
B03074

Monochromacy



Original Color
B705B7



Achromatopsia
4F4F4F



Achromatomaly
753475

CSS Examples

Text

The CSS property to change the color of the text to Hex B705B7 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 #B705B7 looks like.

```
.text, #text, p{  
  color:#B705B7  
}
```

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 #B705B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B705B7
}
```

Border

The CSS property to change the border of an element to Hex B705B7 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
#B705B7 }
```

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

```
.border{ border-color:#B705B7 }
```

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

Here you see how a box with a 4 pixel #B705B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B705B7; -webkit-box-shadow:4px 4px  
4px 4px #B705B7; box-shadow:4px 4px 4px  
4px #B705B7 }
```

Background

The CSS property to change the background color of an element to Hex B705B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B705B7 }
```

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

```
.background{ background-color:#B705B7 }
```

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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