

Converting Colors

Hex(B70E9D)

Have a look what the booklet for
Hex(B70E9D) contains.

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Color

Hex(B70E9D)

Conversions

Conversions Part 1

Format	Color
Hex	B70E9D
RGB	183, 14, 157
RGB Percent	72%, 5%, 62%
CMY	0.2824, 0.9451, 0.3843
CMYK	0.00, 0.92, 0.14, 0.28
HSL	309°, 86%, 39%
HSV	309°, 92%, 72%
XYZ	25.7713, 12.8157, 33.0137
YIQ	80.8330, 54.8210, 80.3010

Conversions

Conversions Part 2

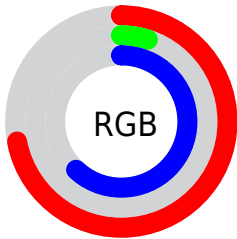
Format	Color
RYB	183, 14, 157
Decimal	11996829
CIELab	42.48, 71.53, -33.53
CIELCh	42, 79.000, 334.888
Yxy	12.8157, 0.3599, 0.1790
Android (android.graphics.Color)	4290186909 (0xFFB70E9D)
YUV	80.8330, 37.5503, 89.6005
Hunter-Lab	35.7990, 65.8519, -29.6177

Details

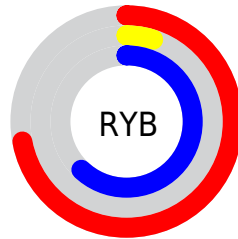
The Hex color **B70E9D** is a dark color, and the websafe version is hex **CC0099**. A complement of this color would be **0EB728**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **F359D4**, and **7D0069** is the 20% darker color. If you saturate the color by 10%, you get **B7009B**, and if you desaturate by 10%, it is **B720A0**.

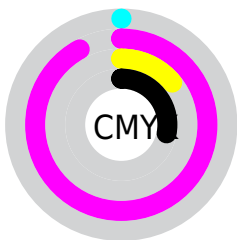
Distribution



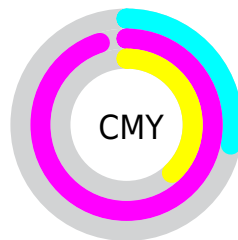
- Red (72%)
- Green (5%)
- Blue (62%)



- Red (72%)
- Yellow (5%)
- Blue (62%)



- Cyan (0%)
- Magenta (92%)
- Yellow (14%)
- Black (28%)



- Cyan (28%)
- Magenta (95%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color B70E9D 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 B70E9D by changing the saturation by 10% instead.

 B70E9D

 B70E9D

FFFFFF

 9A0083

 F359D4

 7D0069

 FF77F1

 610051

 FF94FF

 460039

 FFB1FF

 2A0023

 FFCFFF

 000008

 FFECFF

 000000

 B70E9D

 B70E9D

 B7009B

 B720A0

 B733A3

 B745A5

 B757A8

 B76AAB

 B77CAE

 B78EB1

 B7A0B4

 B7B3B6

Harmonies

Analogous

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



694CD1



B70E9D



D1005D

Triad

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



B70E9D



726600



007EAE

Complementary

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



B70E9D



0EB728

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.



007E6E



B70E9D



257400

Square

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



B70E9D



A54A00



007B27



0079DC

Rectangle

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



B70E9D



CE0033



007B27



007F9A

Sweetspot

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



B70E9D



EDABE3



270EB7



784F72



F7F7F7



787878

Same Dimension

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



B70E9D



ED00C9



B70E49



5C535A



9C0084



1C0018

Inverse Universe

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



B70E9D



ED00C9



0EB77C



5C535A



9C0084



1C0018

Previews

White Background



This preview shows how the Hex color B70E9D looks on a white background.

Color Contrast Check

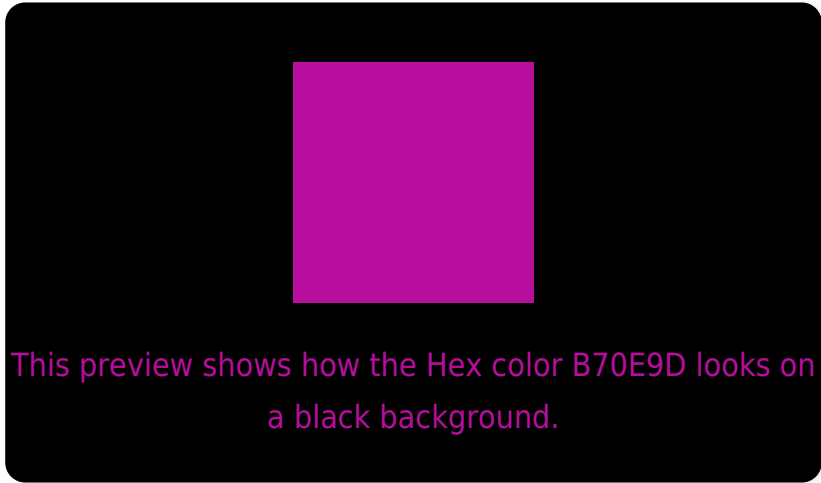
Large Text (above 18pt) WCAG AA ✓ Pass

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

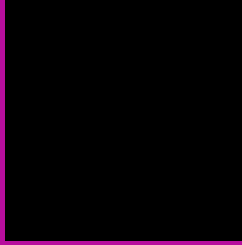
Any Text WCAG AA × Fail

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 B70E9D Background



This preview shows how black text looks on a background with the Hex color B70E9D.




This preview shows how white text looks on a background with the Hex color B70E9D.

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
AF3F42

Trichromacy



Original Color
B70E9D



Protanomaly
4343BE



Deuteranomaly
784597



Tritanomaly
B22D63

Monochromacy



Original Color
B70E9D



Achromatopsia
515151



Achromatomaly
76396D

CSS Examples

Text

The CSS property to change the color of the text to Hex B70E9D 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 #B70E9D looks like.

```
.text, #text, p{  
    color:#B70E9D  
}
```

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 #B70E9D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B70E9D
}
```

Border

The CSS property to change the border of an element to Hex B70E9D 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
#B70E9D }
```

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

```
.border{ border-color:#B70E9D }
```

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

Here you see how a box with a 4 pixel #B70E9D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B70E9D; -webkit-box-shadow:4px 4px  
4px 4px #B70E9D; box-shadow:4px 4px 4px  
4px #B70E9D }
```

Background

The CSS property to change the background color of an element to Hex B70E9D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B70E9D }
```

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

```
.background{ background-color:#B70E9D }
```

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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