

Converting Colors

Hex(B1107D)

Have a look what the booklet for
Hex(B1107D) contains.

Hex(B1107D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B1107D)

Conversions

Conversions Part 1

Format	Color
Hex	B1107D
RGB	177, 16, 125
RGB Percent	69%, 6%, 49%
CMY	0.3059, 0.9373, 0.5098
CMYK	0.00, 0.91, 0.29, 0.31
HSL	319°, 83%, 38%
HSV	319°, 91%, 69%
XYZ	22.0184, 11.1984, 20.4030
YIQ	76.5650, 60.9670, 68.0310

Conversions

Conversions Part 2

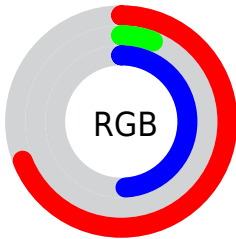
Format	Color
R_{YB}	177, 16, 125
Decimal	11604093
CIE _{Lab}	39.91, 66.08, -18.05
CIE _{LCh}	40, 68.498, 344.724
Yxy	11.1984, 0.4106, 0.2088
Android (android.graphics.Color)	4289794173 (0xFFB1107D)
YUV	76.5650, 23.8785, 88.0815
Hunter-Lab	33.4640, 58.8865, -12.7245

Details

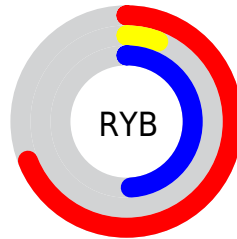
The Hex color **B1107D** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **10B144**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **ED57B2**, and **77004C** is the 20% darker color. If you saturate the color by 10%, you get **B10078**, and if you desaturate by 10%, it is **B12283**.

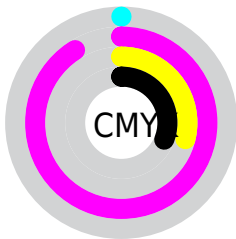
Distribution



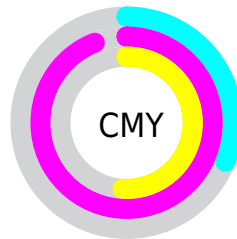
- Red (69%)
- Green (6%)
- Blue (49%)



- Red (69%)
- Yellow (6%)
- Blue (49%)



- Cyan (0%)
- Magenta (91%)
- Yellow (29%)
- Black (31%)




- Cyan (31%)
- Magenta (94%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color B1107D 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 B1107D by changing the saturation by 10% instead.

 B1107D

 B1107D

FFFFFF

 940064

 ED57B2

 77004C

 FF74CD

 5B0035

 FF91EA

 420020

 FFAEFF

 240003

 FFCBFF

 000000

 FFE8FF

 B1107D

 B1107D

 B10078

 B12283

 B13388

 B1458E

 B15794

 B1699A

 B17A9F

 B18CA5

 B19EAB

 B1AFB0

Harmonies

Analogous

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



803FAF



B1107D



BD0045

Triad

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



B1107D



5A6400



0074AC

Complementary

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



B1107D



10B144

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.



007579



B1107D



006F00

Square

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



B1107D



8A5100



00743E



006DCB

Rectangle

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



B1107D



B52421



00743E



00759D

Sweetspot

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



B1107D



E6A8D1



4310B1



734E67



F2F2F2



737373

Same Dimension

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



B1107D



E6009B



B1102E



595056



990068



1A0011

Inverse Universe

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



B1107D



E6009B



10B193



595056



990068



1A0011

Previews

White Background



This preview shows how the Hex color B1107D looks on a white background.

Color Contrast Check

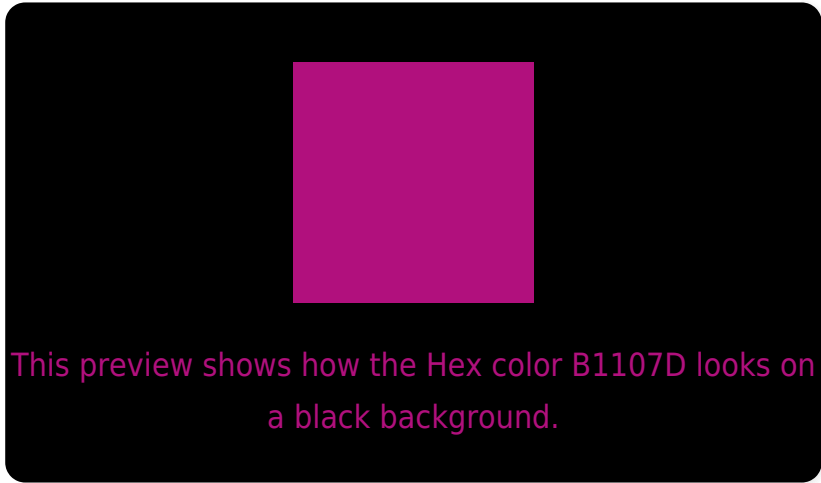
Large Text (above 18pt) WCAG AA ✓ Pass

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 B1107D Background



This preview shows how black text looks on a background with the Hex color B1107D.

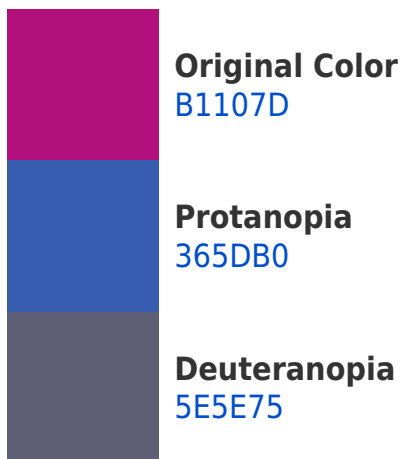


This preview shows how white text looks on a background with the Hex color B1107D.

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
B1107D

Protanomaly
63419D

Deuteranomaly
7C4278

Tritanomaly
AE264F

Monochromacy



Original Color
B1107D

Achromatopsia
4D4D4D

Achromatomaly
71375E

CSS Examples

Text

The CSS property to change the color of the text to Hex B1107D 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 #B1107D looks like.

```
.text, #text, p{  
    color:#B1107D  
}
```

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 #B1107D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1107D
}
```

Border

The CSS property to change the border of an element to Hex B1107D is called "border". The border property can be set on classes, ids or directly on the HTML element.

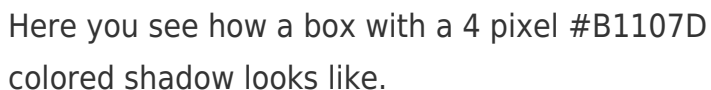
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B1107D }
```

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

```
.border{ border-color:#B1107D }
```

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



Here you see how a box with a 4 pixel #B1107D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1107D; -webkit-box-shadow:4px 4px  
4px 4px #B1107D; box-shadow:4px 4px 4px  
4px #B1107D }
```

Background

The CSS property to change the background color of an element to Hex B1107D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1107D }
```

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

```
.background{ background-color:#B1107D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor