

Converting Colors

Hex(B10084)

Have a look what the booklet for
Hex(B10084) contains.

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Color

Hex(B10084)

Conversions

Conversions Part 1

Format	Color
Hex	B10084
RGB	177, 0, 132
RGB Percent	69%, 0%, 52%
CMY	0.3059, 1.0000, 0.4824
CMYK	0.00, 1.00, 0.25, 0.31
HSL	315°, 100%, 35%
HSV	315°, 100%, 69%
XYZ	22.2963, 11.0131, 22.7804
YIQ	67.9710, 63.1200, 78.5760

Conversions

Conversions Part 2

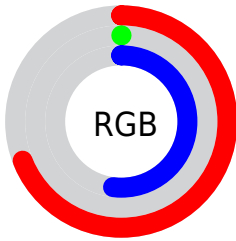
Format	Color
RYB	177, 0, 132
Decimal	11600004
CIELab	39.60, 68.70, -22.86
CIElCh	40, 72.406, 341.592
Yxy	11.0131, 0.3975, 0.1963
Android (android.graphics.Color)	4289790084 (0xFFB10084)
YUV	67.9710, 31.5663, 95.6184
Hunter-Lab	33.1859, 61.8518, -17.4693

Details

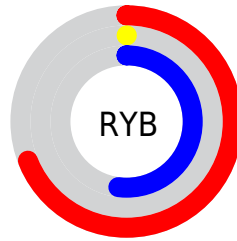
The Hex color **B10084** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **00B12D**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **ED53B9**, and **770052** is the 20% darker color. If you saturate the color by 10%, you get **B10084**, and if you desaturate by 10%, it is **B11289**.

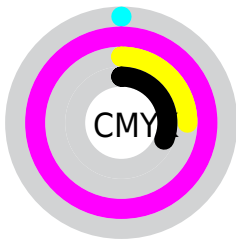
Distribution



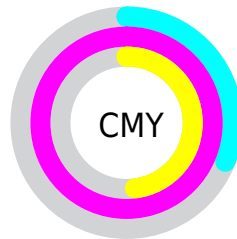
- Red (69%)
- Green (0%)
- Blue (52%)



- Red (69%)
- Yellow (0%)
- Blue (52%)



- Cyan (0%)
- Magenta (100%)
- Yellow (25%)
- Black (31%)



- Cyan (31%)
- Magenta (100%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color B10084 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 B10084 by changing the saturation by 10% instead.

 B10084

 B10084

FFFFFF

 94006B

 ED53B9

 770052

 FF71D5

 5B003B

 FF8EF2

 410025

 FFAAFF

 23000D

 FFC8FF

 000000

 FFE5FF

 B10084

 B11289

 B1238D

 B13592

 B14796

 B1599B

 B16A9F

 B17CA4

 B18EA8

 B19FAD

Harmonies

Analogous

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



783FB7



B10084



C1004A

Triad

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



B10084



5E6200



0075AB

Complementary

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



B10084



00B12D

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.



007574



B10084



006E00

Square

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



B10084



8F4D00



007335



006ECF

Rectangle

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



B10084



BA1223



007335



00759A

Sweetspot

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



B10084



E6A1D4



2C00B1



734968



F2F2F2



737373

Same Dimension

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



B10084



E600AB



B1002C



595057



990072



1A0013

Inverse Universe

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



B10084



E600AB



00B185



595057



990072



1A0013

Previews

White Background



This preview shows how the Hex color B10084 looks on a white background.

Color Contrast Check

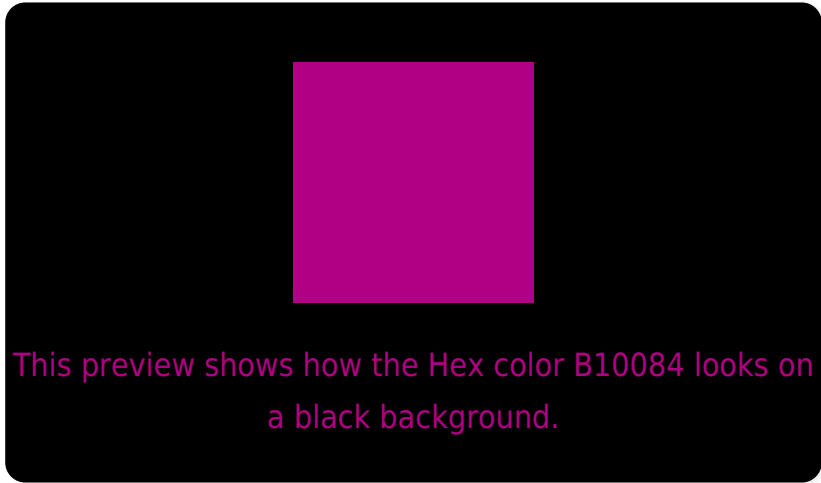
Large Text (above 18pt) WCAG AA ✓ Pass

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

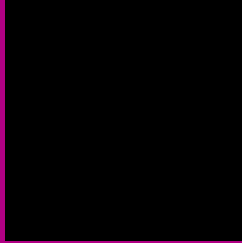
Any Text WCAG AA × Fail

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 B10084 Background



This preview shows how black text looks on a background with the Hex color B10084.

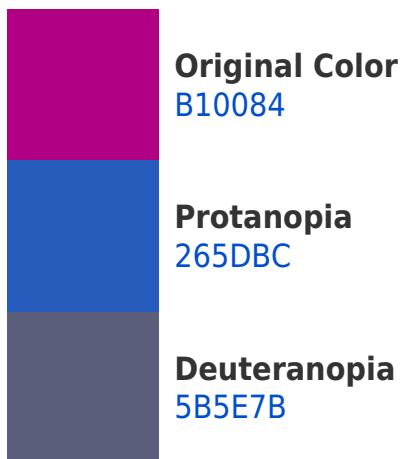


This preview shows how white text looks on a background with the Hex color B10084.

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
B10084



Protanomaly
593BA8



Deuteranomaly
7A3C7E



Tritanomaly
AD2153

Monochromacy



Original Color
B10084



Achromatopsia
444444



Achromatomaly
6C2B5B

CSS Examples

Text

The CSS property to change the color of the text to Hex B10084 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 #B10084 looks like.

```
.text, #text, p{  
  color:#B10084  
}
```

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 #B10084 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B10084
}
```

Border

The CSS property to change the border of an element to Hex B10084 is called "border". The border property can be set on classes, ids or directly on the HTML element.

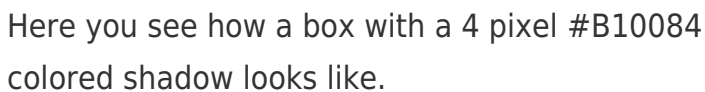
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B10084 }
```

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

```
.border{ border-color:#B10084 }
```

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



Here you see how a box with a 4 pixel #B10084 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B10084; -webkit-box-shadow:4px 4px  
4px 4px #B10084; box-shadow:4px 4px 4px  
4px #B10084 }
```

Background

The CSS property to change the background color of an element to Hex B10084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B10084 }
```

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

```
.background{ background-color:#B10084 }
```

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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