

# Converting Colors

Hex(BA1C85)

Have a look what the booklet for  
Hex(BA1C85) contains.

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# Color

**Hex(BA1C85)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BA1C85
RGB	186, 28, 133
RGB Percent	73%, 11%, 52%
CMY	0.2706, 0.8902, 0.4784
CMYK	0.00, 0.85, 0.28, 0.27
HSL	320°, 74%, 42%
HSV	320°, 85%, 73%
XYZ	24.8986, 12.9631, 23.3801
YIQ	87.2120, 60.4630, 66.1510

# Conversions

## Conversions Part 2

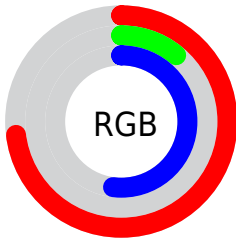
Format	Color
R <sub>Y</sub> B	186, 28, 133
Decimal	12196997
CIE Lab	42.71, 66.88, -18.54
CIE LCh	43, 69.399, 344.502
Yxy	12.9631, 0.4066, 0.2117
Android (android.graphics.Color)	4290387077 (0xFFBA1C85)
YUV	87.2120, 22.5735, 86.6371
Hunter-Lab	36.0043, 60.4335, -13.2982

# Details

The Hex color **BA1C85** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **1CBA51**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **F65EBA**, and **800053** is the 20% darker color. If you saturate the color by 10%, you get **BA097F**, and if you desaturate by 10%, it is **BA2F8B**.

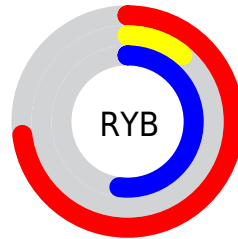
# Distribution



Red (73%)

Green (11%)

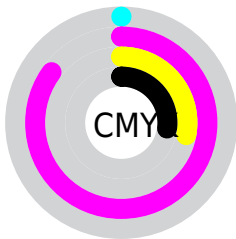
Blue (52%)



Red (73%)

Yellow (11%)

Blue (52%)

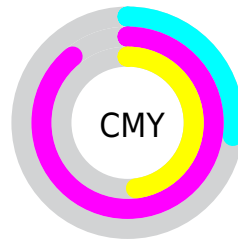


Cyan (0%)

Magenta (85%)

Yellow (28%)

Black (27%)



Cyan (27%)

Magenta (89%)

Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BA1C85 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 BA1C85 by changing the saturation by 10% instead.



 BA1C85

 BA1C85

FFFFFF

 9D006C

 F65EBA

 800053

 FF7BD6

 63003C

 FF98F2

 480026

 FFB5FF

 2D000F

 FFD2FF

 000000

 FFF0FF

 BA1C85

 BA1C85

 BA097F

 BA2F8B

 BA007C

 BA4191

 BA5498

 BA669E

 BA79A4

 BA8CAA

 BA9EB1

 BAB1B7

 BAC3BD

# Harmonies

## Analogous

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



8845B8



BA1C85



C70E4C

# Triad

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



BA1C85



626B00



007CB5

# Complementary

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



BA1C85



1CBA51

# 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.



007D80



BA1C85



067600

# Square

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



BA1C85



935700



007B44



0074D5

# Rectangle

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



BA1C85



BF2B27



007B44



007DA5



# Sweetspot

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



BA1C85



F2B6DE



511CBA



7A566E



FAFAFA



7A7A7A



# Same Dimension

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



BA1C85



F200A1



BA1C36



5C5359



9C0067



1C0013



# Inverse Universe

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



BA1C85



F200A1



1CBAA0



5C5359



9C0067



1C0013



# Previews

## White Background



This preview shows how the Hex color BA1C85 looks on a white background.

## Color Contrast Check

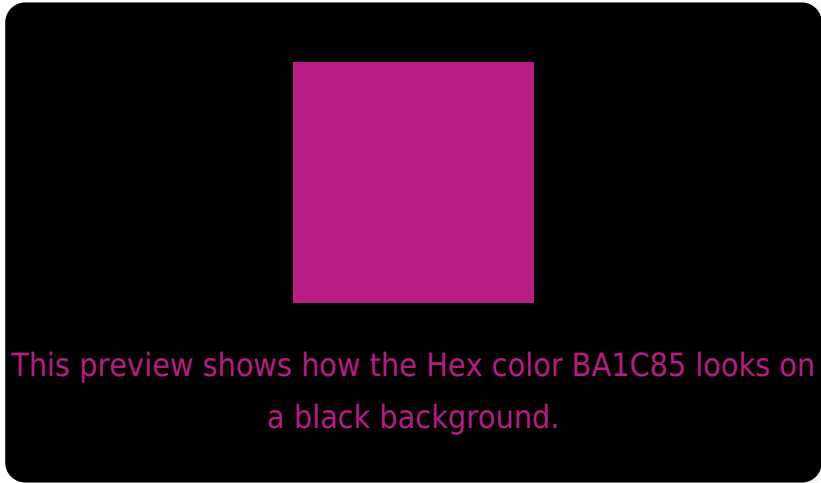
Large Text (above 18pt) WCAG AA ✓ Pass

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 BA1C85 Background



This preview shows how black text looks on a background with the Hex color BA1C85.

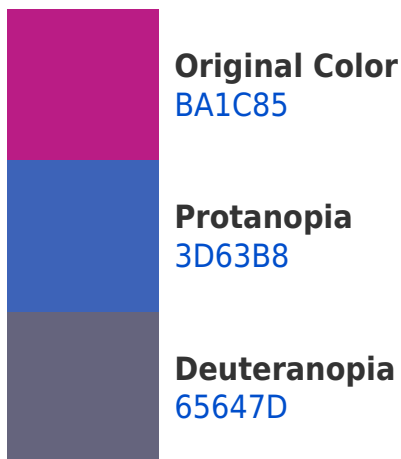


This preview shows how white text looks on a background with the Hex color BA1C85.

# 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**  
BA1C85



**Protanomaly**  
6A49A5



**Deuteranomaly**  
844A80

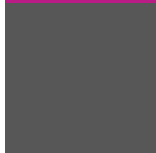


**Tritanomaly**  
B72E57

# Monochromacy



**Original Color**  
BA1C85



**Achromatopsia**  
575757



**Achromatomaly**  
7B4268

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BA1C85 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 #BA1C85 looks like.

```
.text, #text, p{  
    color:#BA1C85  
}
```

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 #BA1C85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BA1C85
}
```

## Border

The CSS property to change the border of an element to Hex BA1C85 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
#BA1C85 }
```

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

```
.border{ border-color:#BA1C85 }
```

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

Here you see how a box with a 4 pixel #BA1C85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BA1C85; -webkit-box-shadow:4px 4px  
4px 4px #BA1C85; box-shadow:4px 4px 4px  
4px #BA1C85 }
```

# Background

The CSS property to change the background color of an element to Hex BA1C85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BA1C85 }
```

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

```
.background{ background-color:#BA1C85 }
```

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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