

# Converting Colors

Hex(B40096)

Have a look what the booklet for  
Hex(B40096) contains.

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**Color**

**Hex(B40096)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B40096
RGB	180, 0, 150
RGB Percent	71%, 0%, 59%
CMY	0.2941, 1.0000, 0.4118
CMYK	0.00, 1.00, 0.17, 0.29
HSL	310°, 100%, 35%
HSV	310°, 100%, 71%
XYZ	24.3274, 11.9053, 29.8699
YIQ	70.9200, 59.1300, 84.8100

# Conversions

## Conversions Part 2

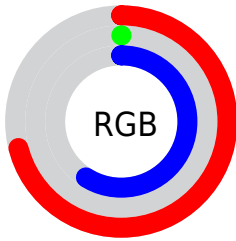
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	180, 0, 150
Decimal	11796630
CIE <sub>Lab</sub>	41.07, 71.49, -31.57
CIE <sub>LCh</sub>	41, 78.148, 336.177
Yxy	11.9053, 0.3680, 0.1801
Android (android.graphics.Color)	4289986710 (0xFFB40096)
YUV	70.9200, 38.9864, 95.6632
Hunter-Lab	34.5041, 65.4710, -27.1741

# Details

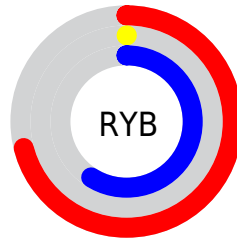
The Hex color **B40096** is a dark color, and the websafe version is hex **CC0099**. A complement of this color would be **00B41E**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **F055CD**, and **7A0063** is the 20% darker color. If you saturate the color by 10%, you get **B40096**, and if you desaturate by 10%, it is **B41299**.

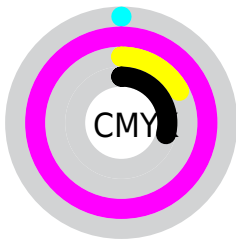
# Distribution



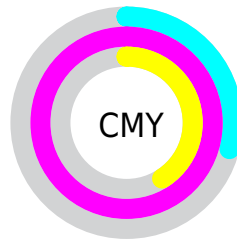
- Red (71%)
- Green (0%)
- Blue (59%)



- Red (71%)
- Yellow (0%)
- Blue (59%)



- Cyan (0%)
- Magenta (100%)
- Yellow (17%)
- Black (29%)



- Cyan (29%)
- Magenta (100%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B40096 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 B40096 by changing the saturation by 10% instead.



 B40096

 B40096

FFFFFF

 97007C

 F055CD

 7A0063

 FF73E9

 5E004A

 FF90FF

 440033

 FFADFF

 27001D

 FFCAFF

 000000

 FFE8FF

 B40096

 B41299

 B4249C

 B4369F

 B448A2

 B45AA5

 B46CA8

 B47EAB

 B490AE

 B4A2B1

# Harmonies

## Analogous

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



6A47CA



B40096



CC0057

# Triad

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



B40096



6B6300



007AAC

# Complementary

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



B40096



00B41E

# 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.



007A6D



B40096



1B7100

# Square

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



B40096



9E4900



007728



0075D8

# Rectangle

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



B40096



C8002D



007728



007B98



# Sweetspot

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



B40096



EBA4DF



1E00B4



754B6E



F5F5F5



757575



# Same Dimension

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



B40096



EB00C3



B4003C



595058



99007F



1A0015



# Inverse Universe

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



B40096



EB00C3



00B478



595058



99007F



1A0015



# Previews

## White Background



This preview shows how the Hex color B40096 looks on a white background.

## Color Contrast Check

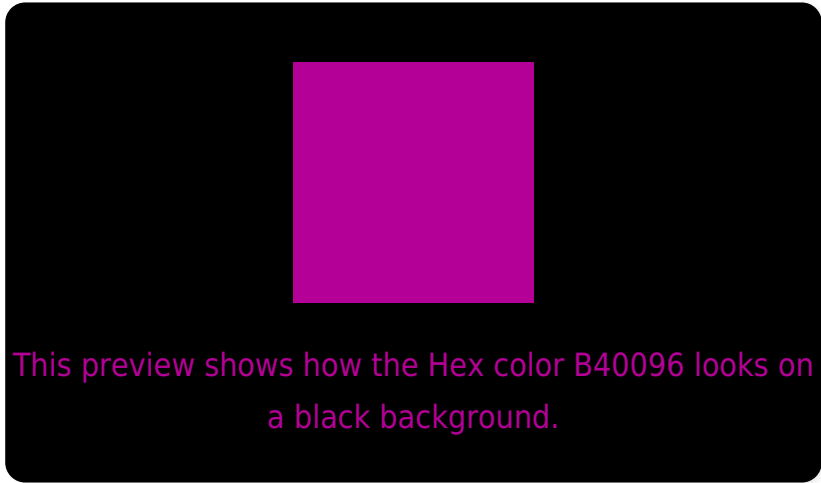
Large Text (above 18pt) WCAG AA ✓ Pass

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

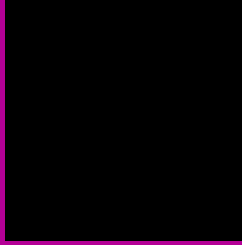
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B40096 Background



This preview shows how black text looks on a background with the Hex color B40096.



This preview shows how white text looks on a background with the Hex color B40096.

# 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**  
B40096



**Protanomaly**  
413DB8



**Deuteranomaly**  
773E90



**Tritanomaly**  
AF265E

# Monochromacy



**Original Color**  
B40096



**Achromatopsia**  
474747



**Achromatomaly**  
6F2D64

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B40096 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 #B40096 looks like.

```
.text, #text, p{  
    color:#B40096  
}
```

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 #B40096 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B40096
}
```

## Border

The CSS property to change the border of an element to Hex B40096 is called "border". The border property can be set on classes, ids or directly on the HTML element.

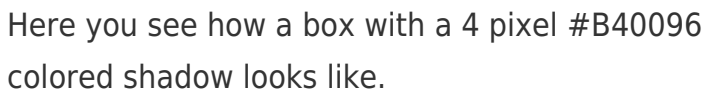
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B40096 }
```

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

```
.border{ border-color:#B40096 }
```

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



Here you see how a box with a 4 pixel #B40096 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B40096; -webkit-box-shadow:4px 4px  
4px 4px #B40096; box-shadow:4px 4px 4px  
4px #B40096 }
```

# Background

The CSS property to change the background color of an element to Hex B40096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B40096 }
```

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

```
.background{ background-color:#B40096 }
```

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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