

Converting Colors

Hex(B40050)

Have a look what the booklet for
Hex(B40050) contains.

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Color

Hex(B40050)

Conversions

Conversions Part 1

Format	Color
Hex	B40050
RGB	180, 0, 80
RGB Percent	71%, 0%, 31%
CMY	0.2941, 1.0000, 0.6863
CMYK	0.00, 1.00, 0.56, 0.29
HSL	333°, 100%, 35%
HSV	333°, 100%, 71%
XYZ	20.2704, 10.2825, 8.5058
YIQ	62.9400, 81.6000, 63.0400

Conversions

Conversions Part 2

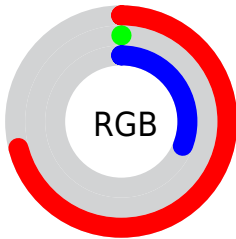
Format	Color
R_YB	180, 0, 80
Decimal	11796560
CIE Lab	38.34, 64.48, 8.20
CIE LCh	38, 65.004, 7.248
Yxy	10.2825, 0.5190, 0.2633
Android (android.graphics.Color)	4289986640 (0xFFB40050)
YUV	62.9400, 8.4106, 102.6616
Hunter-Lab	32.0663, 56.7207, 6.7194

Details

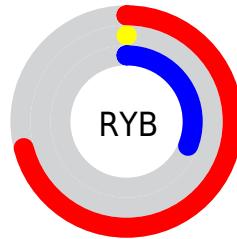
The Hex color **B40050** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **00B464**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **F15281**, and **780024** is the 20% darker color. If you saturate the color by 10%, you get **B40050**, and if you desaturate by 10%, it is **B4125A**.

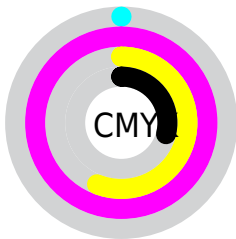
Distribution



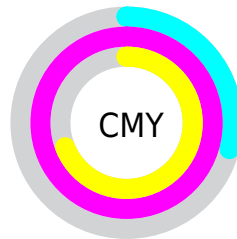
- Red (71%)
- Green (0%)
- Blue (31%)



- Red (71%)
- Yellow (0%)
- Blue (31%)



- Cyan (0%)
- Magenta (100%)
- Yellow (56%)
- Black (29%)



- Cyan (29%)
- Magenta (100%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color B40050 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 B40050 by changing the saturation by 10% instead.

 B40050

 B40050

FFFFFF

 960039

 F15281

 780024

 FF6F9B

 5B000F

 FF8BB5

 3F0003

 FFA8D1

 1B0001

 FFC5ED

 000000

 FFE3FF

 B40050

 B4125A

 B42464

 B4366E

 B44878

 B45A82

 B46C8C

 B47E96

 B490A0

 B4A2AA

Harmonies

Analogous

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



A12084



B40050



AB281D

Triad

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



B40050



266800



006BBC

Complementary

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



B40050



00B464

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.



007099



B40050



006E2E

Square

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



B40050



635C00



007066



005DC4

Rectangle

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



B40050



993F00



007066



006DB3

Sweetspot

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



B40050



EBA4C4



6300B4



754B5E



F5F5F5



757575

Same Dimension

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



B40050



EB0068



B40900



595054



990044



1A000B

Inverse Universe

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



B40050



EB0068



00ABB4



595054



990044



1A000B

Previews

White Background



This preview shows how the Hex color B40050 looks on a white background.

Color Contrast Check

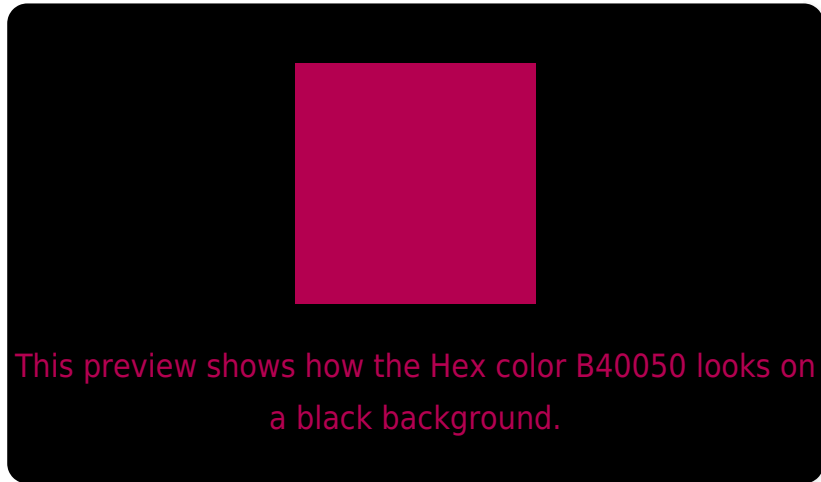
Large Text (above 18pt) WCAG AA ✓ Pass

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 B40050 Background



This preview shows how black text looks on a background with the Hex color B40050.

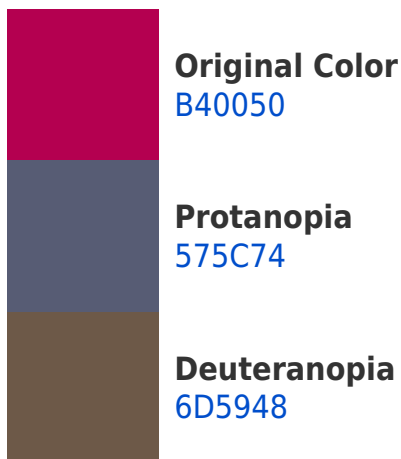


This preview shows how white text looks on a background with the Hex color B40050.

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
B40050



Protanomaly
793B67



Deuteranomaly
87394B

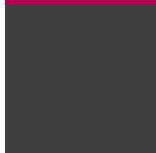


Tritanomaly
B31431

Monochromacy



Original Color
B40050



Achromatopsia
3F3F3F



Achromatomaly
6A2845

CSS Examples

Text

The CSS property to change the color of the text to Hex B40050 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 #B40050 looks like.

```
.text, #text, p{  
    color:#B40050  
}
```

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 #B40050 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B40050
}
```

Border

The CSS property to change the border of an element to Hex B40050 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
#B40050 }
```

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

```
.border{ border-color:#B40050 }
```

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

Here you see how a box with a 4 pixel #B40050 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B40050; -webkit-box-shadow:4px 4px  
4px 4px #B40050; box-shadow:4px 4px 4px  
4px #B40050 }
```

Background

The CSS property to change the background color of an element to Hex B40050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B40050 }
```

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

```
.background{ background-color:#B40050 }
```

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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