

Converting Colors

Hex(B50057)

Have a look what the booklet for
Hex(B50057) contains.

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Color

Hex(B50057)

Conversions

Conversions Part 1

Format	Color
Hex	B50057
RGB	181, 0, 87
RGB Percent	71%, 0%, 34%
CMY	0.2902, 1.0000, 0.6588
CMYK	0.00, 1.00, 0.52, 0.29
HSL	331°, 100%, 35%
HSV	331°, 100%, 71%
XYZ	20.7764, 10.5119, 9.9508
YIQ	64.0370, 79.9490, 65.4290

Conversions

Conversions Part 2

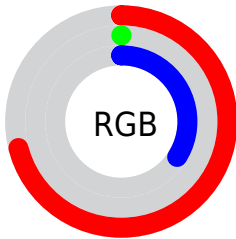
Format	Color
R_{YB}	181, 0, 87
Decimal	11862103
CIE _{Lab}	38.75, 65.22, 4.30
CIE _{LCh}	39, 65.363, 3.774
Yxy	10.5119, 0.5038, 0.2549
Android (android.graphics.Color)	4290052183 (0xFFB50057)
YUV	64.0370, 11.3208, 102.5766
Hunter-Lab	32.4220, 57.6460, 4.4985

Details

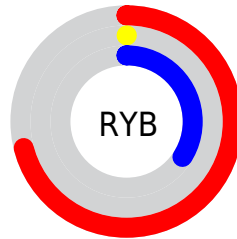
The Hex color **B50057** is a dark color, and the websafe version is hex **CC0066**. A complement of this color would be **00B55E**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **F25288**, and **79002A** is the 20% darker color. If you saturate the color by 10%, you get **B50057**, and if you desaturate by 10%, it is **B51260**.

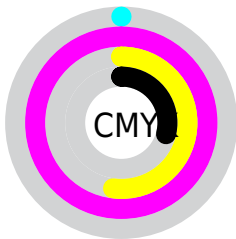
Distribution



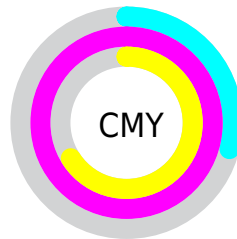
- Red (71%)
- Green (0%)
- Blue (34%)



- Red (71%)
- Yellow (0%)
- Blue (34%)



- Cyan (0%)
- Magenta (100%)
- Yellow (52%)
- Black (29%)



- Cyan (29%)
- Magenta (100%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color B50057 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 B50057 by changing the saturation by 10% instead.

 B50057

 B50057

FFFFFF

 970040

 F25288

 79002A

 FF6FA3

 5C0016

 FF8CBE

 410003

 FFA9D9

 1E0001

 FFC6F6

 000000

 FFE3FF

 B50057

 B51260

 B5246A

 B53673

 B5487D

 B55B86

 B56D8F

 B57F99

 B591A2

 B5A3AC

Harmonies

Analogous

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



9E268B



B50057



AF2423

Triad

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



B50057



306800



006DBB

Complementary

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



B50057



00B55E

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.



007195



B50057



006F28

Square

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



B50057



6A5B00



007161



0060C7

Rectangle

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



B50057



9E3C00



007161



006FB1

Sweetspot

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



B50057



EBA4C6



5E00B5



754B5F



F5F5F5



757575

Same Dimension

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



B50057



EB0071



B50300



595055



99004A



1A000C

Inverse Universe

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



B50057



EB0071



00B2B5



595055



99004A



1A000C

Previews

White Background



This preview shows how the Hex color B50057 looks on a white background.

Color Contrast Check

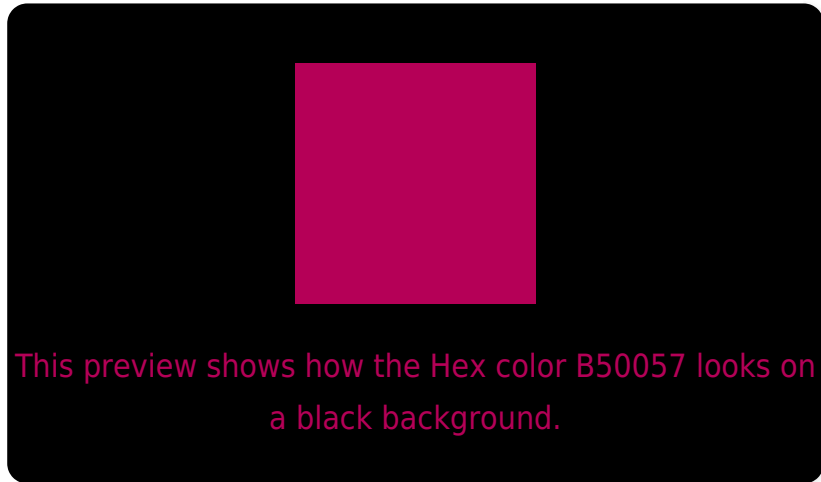
Large Text (above 18pt) WCAG AA ✓ Pass

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 B50057 Background



This preview shows how black text looks on a background with the Hex color B50057.



This preview shows how white text looks on a background with the Hex color B50057.

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
B50057



Protanomaly
783B70



Deuteranomaly
873952



Tritanomaly
B41635

Monochromacy



Original Color
B50057



Achromatopsia
404040



Achromatomaly
6B2948

CSS Examples

Text

The CSS property to change the color of the text to Hex B50057 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 #B50057 looks like.

```
.text, #text, p{  
    color:#B50057  
}
```

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 #B50057 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B50057
}
```

Border

The CSS property to change the border of an element to Hex B50057 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".

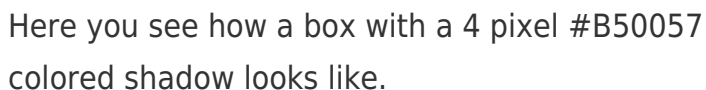
```
.border, #border, table{ border:4px solid
#B50057 }
```

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

```
.border{ border-color:#B50057 }
```

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

Here you see how a box with a 4 pixel #B50057 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B50057; -webkit-box-shadow:4px 4px  
4px 4px #B50057; box-shadow:4px 4px 4px  
4px #B50057 }
```

Background

The CSS property to change the background color of an element to Hex B50057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B50057 }
```

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

```
.background{ background-color:#B50057 }
```

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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