

Converting Colors

Hex(B50042)

Have a look what the booklet for
Hex(B50042) contains.

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Color

Hex(B50042)

Conversions

Conversions Part 1

Format	Color
Hex	B50042
RGB	181, 0, 66
RGB Percent	71%, 0%, 26%
CMY	0.2902, 1.0000, 0.7412
CMYK	0.00, 1.00, 0.64, 0.29
HSL	338°, 100%, 35%
HSV	338°, 100%, 71%
XYZ	20.0394, 10.2171, 6.0702
YIQ	61.6430, 86.6900, 58.8980

Conversions

Conversions Part 2

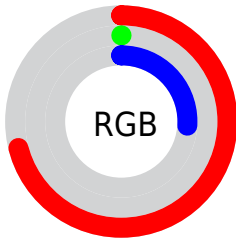
Format	Color
R_{YB}	181, 0, 66
Decimal	11862082
CIE _{Lab}	38.23, 63.84, 17.10
CIE _{LCh}	38, 66.093, 14.991
Yxy	10.2171, 0.5516, 0.2813
Android (android.graphics.Color)	4290052162 (0xFFB50042)
YUV	61.6430, 2.1480, 104.6761
Hunter-Lab	31.9642, 55.9702, 11.1155

Details

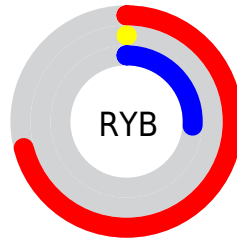
The Hex color **B50042** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **00B573**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **F35171**, and **780018** is the 20% darker color. If you saturate the color by 10%, you get **B50042**, and if you desaturate by 10%, it is **B5124D**.

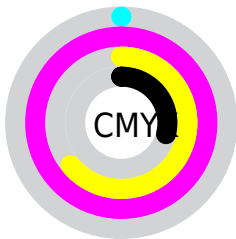
Distribution



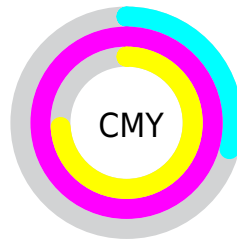
- Red (71%)
- Green (0%)
- Blue (26%)



- Red (71%)
- Yellow (0%)
- Blue (26%)



- Cyan (0%)
- Magenta (100%)
- Yellow (64%)
- Black (29%)



- Cyan (29%)
- Magenta (100%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color B50042 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 B50042 by changing the saturation by 10% instead.

 B50042

 B50042

FFFFFF

 96002C

 F35171

 780018

 FF6E8B

 5A0001

 FF8BA5

 3E0003

 FFA8C0

 1A0001

 FFC5DC

 000000

 FFE2F8

 B50042

 B5124D

 B52459

 B53664

 B54870

 B55B7B

 B56D87

 B57F93

 B5919E

 B5A3AA

Harmonies

Analogous

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



AA1077



B50042



A6300B

Triad

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



B50042



006A00



0068C3

Complementary

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



B50042



00B573

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.



006FA5



B50042



006F3C

Square

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



B50042



566000



007074



0058C3

Rectangle

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



B50042



914500



007074



006BBC

Sweetspot

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



B50042



EBA4BE



7300B5



754B5A



F5F5F5



757575

Same Dimension

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



B50042



EB0056



B51800



595054



990038



1A0009

Inverse Universe

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



B50042



EB0056



009DB5



595054



990038



1A0009

Previews

White Background



This preview shows how the Hex color B50042 looks on a white background.

Color Contrast Check

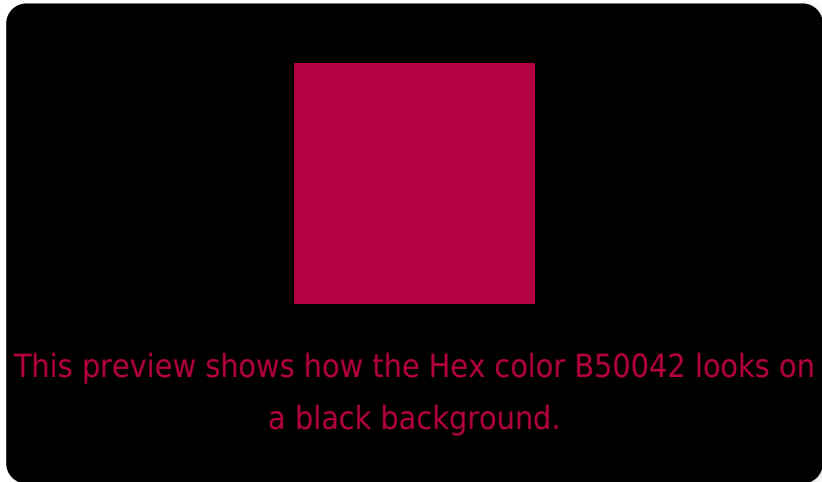
Large Text (above 18pt) WCAG AA ✓ Pass

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 B50042 Background



This preview shows how black text looks on a background with the Hex color B50042.

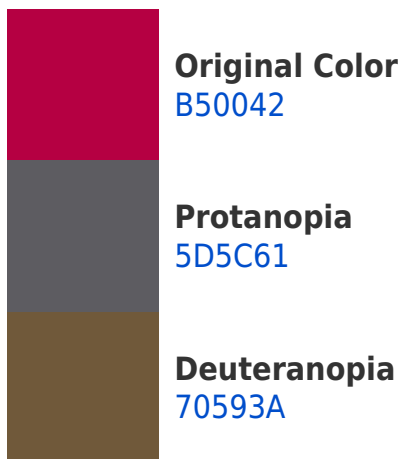


This preview shows how white text looks on a background with the Hex color B50042.

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





Tritanopia
B41B18

Trichromacy



Original Color
B50042



Protanomaly
7D3B56



Deuteranomaly
89393D



Tritanomaly
B41127

Monochromacy



Original Color
B50042



Achromatopsia
3E3E3E



Achromatomaly
69273F

CSS Examples

Text

The CSS property to change the color of the text to Hex B50042 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 #B50042 looks like.

```
.text, #text, p{  
    color:#B50042  
}
```

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 #B50042 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B50042
}
```

Border

The CSS property to change the border of an element to Hex B50042 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".

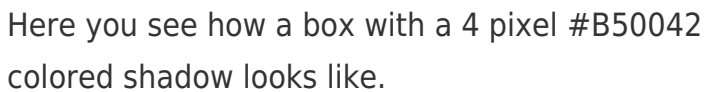
```
.border, #border, table{ border:4px solid
#B50042 }
```

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

```
.border{ border-color:#B50042 }
```

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

Here you see how a box with a 4 pixel #B50042 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B50042; -webkit-box-shadow:4px 4px  
4px 4px #B50042; box-shadow:4px 4px 4px  
4px #B50042 }
```

Background

The CSS property to change the background color of an element to Hex B50042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B50042 }
```

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

```
.background{ background-color:#B50042 }
```

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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