

Converting Colors

Hex(B50451)

Have a look what the booklet for
Hex(B50451) contains.

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Color

Hex(B50451)

Conversions

Conversions Part 1

Format	Color
Hex	B50451
RGB	181, 4, 81
RGB Percent	71%, 2%, 32%
CMY	0.2902, 0.9843, 0.6824
CMYK	0.00, 0.98, 0.55, 0.29
HSL	334°, 96%, 36%
HSV	334°, 98%, 71%
XYZ	20.5847, 10.5047, 8.7273
YIQ	65.7010, 80.7750, 61.4710

Conversions

Conversions Part 2

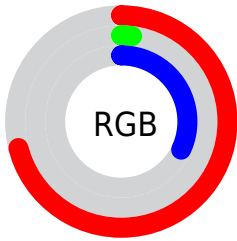
Format	Color
RYB	181, 4, 81
Decimal	11863121
CIELab	38.73, 64.35, 8.14
CIELCh	39, 64.858, 7.206
Yxy	10.5047, 0.5170, 0.2638
Android (android.graphics.Color)	4290053201 (0xFFB50451)
YUV	65.7010, 7.5424, 101.1172
Hunter-Lab	32.4109, 56.6490, 6.7227

Details

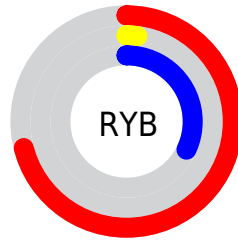
The Hex color **B50451** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **04B568**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **F25382**, and **790025** is the 20% darker color. If you saturate the color by 10%, you get **B5004F**, and if you desaturate by 10%, it is **B5165B**.

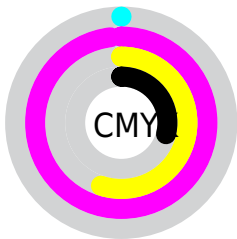
Distribution



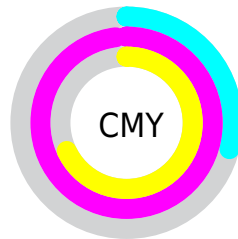
- Red (71%)
- Green (2%)
- Blue (32%)



- Red (71%)
- Yellow (2%)
- Blue (32%)



- Cyan (0%)
- Magenta (98%)
- Yellow (55%)
- Black (29%)



- Cyan (29%)
- Magenta (98%)
- Yellow (68%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color B50451 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 B50451 by changing the saturation by 10% instead.

 B50451

 B50451

FFFFFF

 97003A

 F25382

 790025

 FF709C

 5B0010

 FF8DB7

 400003

 FFA9D2

 1D0001

 FFC6EE

 000000

 FFE4FF

 B50451

 B50451

 B5004F

 B5165B

 B52865

 B53A70

 B54C7A

 B55E84

 B5718E

 B58399

 B595A3

 B5A7AD

Harmonies

Analogous

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



A22285



B50451



AC2A1E

Triad

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



B50451



286900



006CBD

Complementary

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



B50451



04B568

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.



00719A



B50451



006F2F

Square

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



B50451



655D00



007167



005EC5

Rectangle

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



B50451



9A4000



007167



006EB4

Sweetspot

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



B50451



EBA7C4



6504B5



754C5E



F5F5F5



757575

Same Dimension

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



B50451



EB0066



B50D04



595054



990043



1A000B

Inverse Universe

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



B50451



EB0066



04ACB5



595054



990043



1A000B

Previews

White Background



This preview shows how the Hex color B50451 looks on a white background.

Color Contrast Check

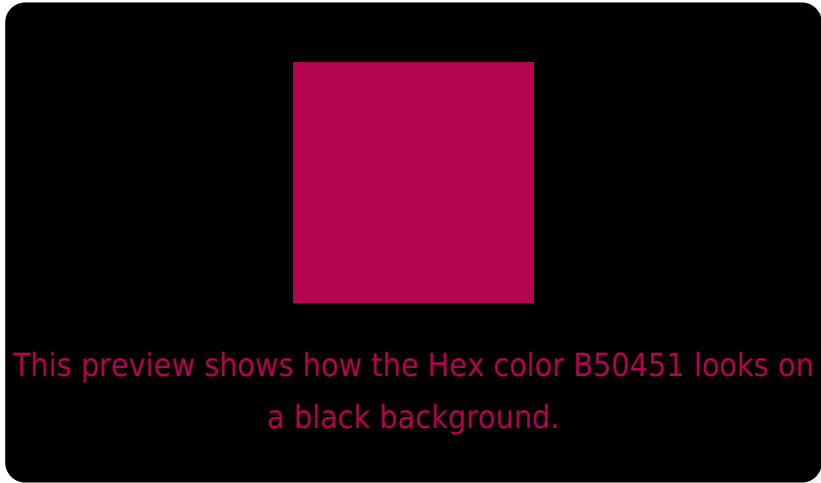
Large Text (above 18pt) WCAG AA ✓ Pass

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

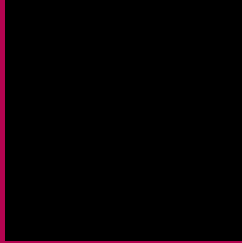
Any Text WCAG AA × Fail

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 B50451 Background



This preview shows how black text looks on a background with the Hex color B50451.



This preview shows how white text looks on a background with the Hex color B50451.

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



Original Color
B50451

Protanopia
585D76

Deuteranopia
6D5A49

Trichromacy



Original Color
B50451



Protanomaly
7A3D69



Deuteranomaly
873B4C

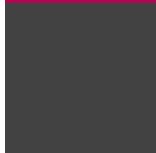


Tritanomaly
B41632

Monochromacy



Original Color
B50451



Achromatopsia
424242



Achromatomaly
6C2B47

CSS Examples

Text

The CSS property to change the color of the text to Hex B50451 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 #B50451 looks like.

```
.text, #text, p{  
    color:#B50451  
}
```

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 #B50451 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B50451
}
```

Border

The CSS property to change the border of an element to Hex B50451 is called "border". The border property can be set on classes, ids or directly on the HTML element.

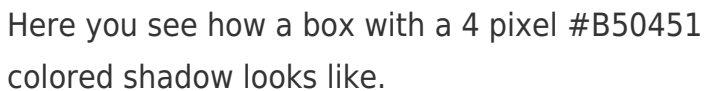
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B50451 }
```

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

```
.border{ border-color:#B50451 }
```

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



Here you see how a box with a 4 pixel #B50451 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B50451; -webkit-box-shadow:4px 4px  
4px 4px #B50451; box-shadow:4px 4px 4px  
4px #B50451 }
```

Background

The CSS property to change the background color of an element to Hex B50451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B50451 }
```

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

```
.background{ background-color:#B50451 }
```

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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