

Converting Colors

Hex(B30045)

Have a look what the booklet for
Hex(B30045) contains.

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Color

Hex(B30045)

Conversions

Conversions Part 1

Format	Color
Hex	B30045
RGB	179, 0, 69
RGB Percent	70%, 0%, 27%
CMY	0.2980, 1.0000, 0.7294
CMYK	0.00, 1.00, 0.61, 0.30
HSL	337°, 100%, 35%
HSV	337°, 100%, 70%
XYZ	19.6646, 10.0134, 6.5266
YIQ	61.3870, 84.5350, 59.4070

Conversions

Conversions Part 2

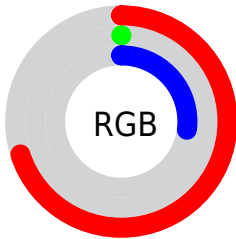
Format	Color
RYB	179, 0, 69
Decimal	11731013
CIELab	37.87, 63.54, 14.60
CIElCh	38, 65.196, 12.942
Yxy	10.0134, 0.5432, 0.2766
Android (android.graphics.Color)	4289921093 (0xFFB30045)
YUV	61.3870, 3.7532, 103.1466
Hunter-Lab	31.6439, 55.5490, 9.9222

Details

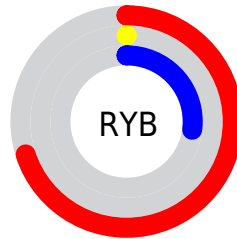
The Hex color **B30045** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **00B36E**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **F15175**, and **76001B** is the 20% darker color. If you saturate the color by 10%, you get **B30045**, and if you desaturate by 10%, it is **B31250**.

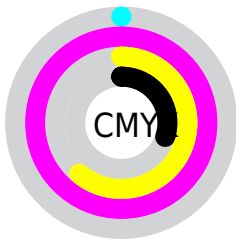
Distribution



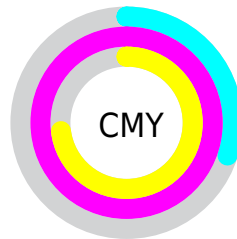
- Red (70%)
- Green (0%)
- Blue (27%)



- Red (70%)
- Yellow (0%)
- Blue (27%)



- Cyan (0%)
- Magenta (100%)
- Yellow (61%)
- Black (30%)



- Cyan (30%)
- Magenta (100%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color B30045 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 B30045 by changing the saturation by 10% instead.

 B30045

 B30045

FFFFFF

 95002F

 F15175

 76001B

 FF6E8E

 590001

 FF8AA9

 3D0003

 FFA7C4

 180001

 FFC4E0

 000000

 FFE2FC

 B30045

 B31250

 B3245B

 B33666

 B34871

 B35A7C

 B36B87

 B37D92

 B38F9D

 B3A1A8

Harmonies

Analogous

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



A61579



B30045



A52E10

Triad

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



B30045



0A6800



0068BF

Complementary

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



B30045



00B36E

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.



006EA1



B30045



006D38

Square

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



B30045



595E00



006F6F



0058C2

Rectangle

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



B30045



924300



006F6F



006BB8

Sweetspot

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



B30045



E8A2BD



6B00B3



754B5B



F5F5F5



757575

Same Dimension

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



B30045



E80059



B31200



595054



99003B



1A000A

Inverse Universe

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



B30045



E80059



00A1B3



595054



99003B



1A000A

Previews

White Background



This preview shows how the Hex color B30045 looks on a white background.

Color Contrast Check

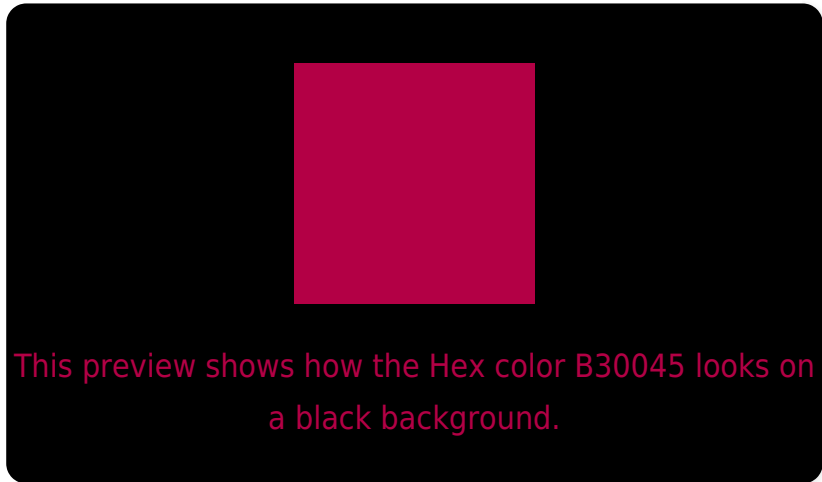
Large Text (above 18pt) WCAG AA ✓ Pass

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 B30045 Background



This preview shows how black text looks on a background with the Hex color B30045.

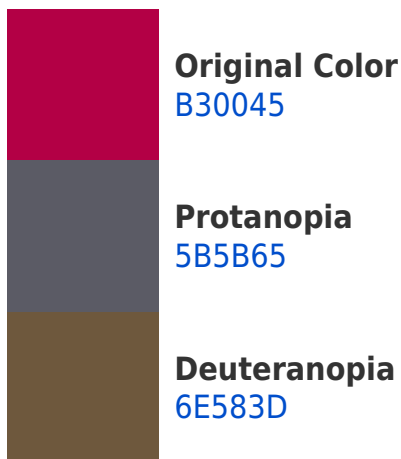


This preview shows how white text looks on a background with the Hex color B30045.

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
B21C1A

Trichromacy



Original Color
B30045



Protanomaly
7B3A59



Deuteranomaly
873840



Tritanomaly
B2122A

Monochromacy



Original Color
B30045



Achromatopsia
3D3D3D



Achromatomaly
682740

CSS Examples

Text

The CSS property to change the color of the text to Hex B30045 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 #B30045 looks like.

```
.text, #text, p{  
    color:#B30045  
}
```

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 #B30045 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B30045
}
```

Border

The CSS property to change the border of an element to Hex B30045 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".

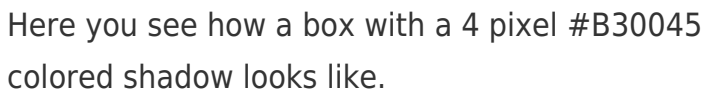
```
.border, #border, table{ border:4px solid
#B30045 }
```

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

```
.border{ border-color:#B30045 }
```

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

Here you see how a box with a 4 pixel #B30045 colored shadow looks like.

A rectangular box with a thick red border and a red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #B30045 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B30045; -webkit-box-shadow:4px 4px  
4px 4px #B30045; box-shadow:4px 4px 4px  
4px #B30045 }
```

Background

The CSS property to change the background color of an element to Hex B30045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B30045 }
```

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

```
.background{ background-color:#B30045 }
```

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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