

Converting Colors

Hex(B30050)

Have a look what the booklet for
Hex(B30050) contains.

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Color

Hex(B30050)

Conversions

Conversions Part 1

Format	Color
Hex	B30050
RGB	179, 0, 80
RGB Percent	70%, 0%, 31%
CMY	0.2980, 1.0000, 0.6863
CMYK	0.00, 1.00, 0.55, 0.30
HSL	333°, 100%, 35%
HSV	333°, 100%, 70%
XYZ	20.0384, 10.1629, 8.4949
YIQ	62.6410, 81.0040, 62.8280

Conversions

Conversions Part 2

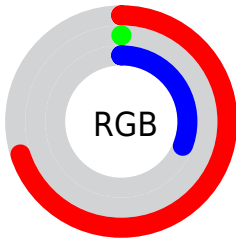
Format	Color
R_{YB}	179, 0, 80
Decimal	11731024
CIE Lab	38.13, 64.25, 7.87
CIE LCh	38, 64.733, 6.986
Yxy	10.1629, 0.5178, 0.2626
Android (android.graphics.Color)	4289921104 (0xFFB30050)
YUV	62.6410, 8.5580, 102.0468
Hunter-Lab	31.8793, 56.4110, 6.5164

Details

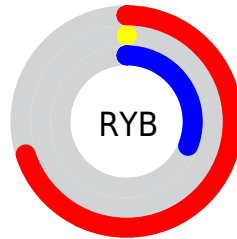
The Hex color **B30050** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **00B363**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **F05181**, and **770024** is the 20% darker color. If you saturate the color by 10%, you get **B30050**, and if you desaturate by 10%, it is **B3125A**.

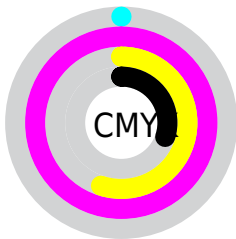
Distribution



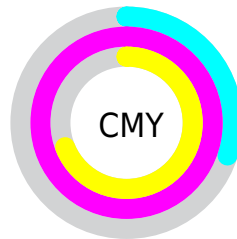
- Red (70%)
- Green (0%)
- Blue (31%)



- Red (70%)
- Yellow (0%)
- Blue (31%)



- Cyan (0%)
- Magenta (100%)
- Yellow (55%)
- Black (30%)



- Cyan (30%)
- Magenta (100%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color B30050 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 B30050 by changing the saturation by 10% instead.

 B30050

 B30050

FFFFFF

 950039

 F05181

 770024

 FF6E9B

 5A000F

 FF8BB5

 3E0003

 FFA8D1

 1A0001

 FFC5ED

 000000

 FFE2FF

 B30050

 B3125A

 B32464

 B3366E

 B34878

 B35A82

 B36B8B

 B37D95

 B38F9F

 B3A1A9

Harmonies

Analogous

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



A02184



B30050



AA281D

Triad

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



B30050



276700



006ABB

Complementary

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



B30050



00B363

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.



006F98



B30050



006D2D

Square

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



B30050



635C00



007065



005DC3

Rectangle

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



B30050



993E00



007065



006DB2

Sweetspot

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



B30050



E8A2C2



6200B3



754B5E



F5F5F5



757575

Same Dimension

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



B30050



E80068



B30900



595054



990044



1A000B

Inverse Universe

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



B30050



E80068



00AAB3



595054



990044



1A000B

Previews

White Background



This preview shows how the Hex color B30050 looks on a white background.

Color Contrast Check

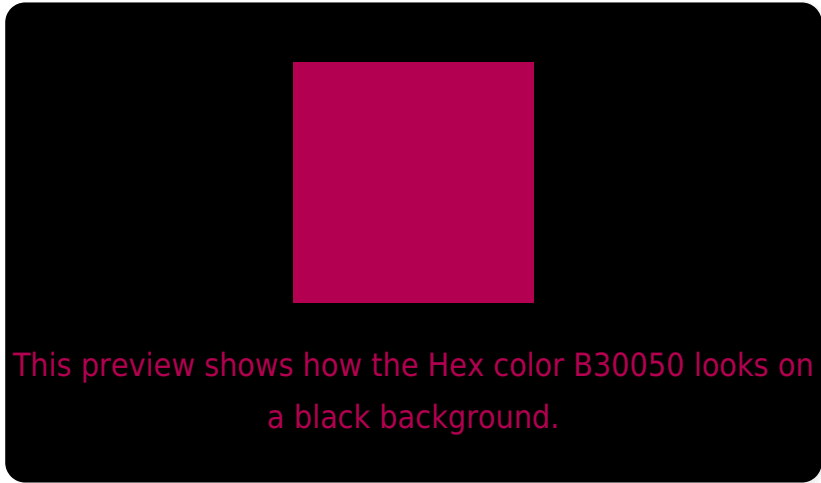
Large Text (above 18pt) WCAG AA ✓ Pass

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 B30050 Background



This preview shows how black text looks on a background with the Hex color B30050.

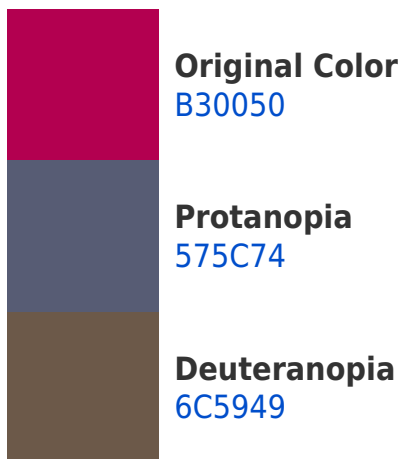


This preview shows how white text looks on a background with the Hex color B30050.

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
B30050



Protanomaly
783B67



Deuteranomaly
86394C



Tritanomaly
B21431

Monochromacy



Original Color
B30050



Achromatopsia
3F3F3F



Achromatomaly
692845

CSS Examples

Text

The CSS property to change the color of the text to Hex B30050 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 #B30050 looks like.

```
.text, #text, p{  
    color:#B30050  
}
```

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 #B30050 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B30050
}
```

Border

The CSS property to change the border of an element to Hex B30050 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
#B30050 }
```

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

```
.border{ border-color:#B30050 }
```

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

Here you see how a box with a 4 pixel #B30050 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B30050; -webkit-box-shadow:4px 4px  
4px 4px #B30050; box-shadow:4px 4px 4px  
4px #B30050 }
```

Background

The CSS property to change the background color of an element to Hex B30050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B30050 }
```

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

```
.background{ background-color:#B30050 }
```

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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