

Converting Colors

Hex(B70045)

Have a look what the booklet for
Hex(B70045) contains.

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Color

Hex(B70045)

Conversions

Conversions Part 1

Format	Color
Hex	B70045
RGB	183, 0, 69
RGB Percent	72%, 0%, 27%
CMY	0.2824, 1.0000, 0.7294
CMYK	0.00, 1.00, 0.62, 0.28
HSL	337°, 100%, 36%
HSV	337°, 100%, 72%
XYZ	20.6026, 10.4970, 6.5705
YIQ	62.5830, 86.9190, 60.2550

Conversions

Conversions Part 2

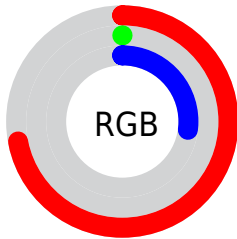
Format	Color
R_{YB}	183, 0, 69
Decimal	11993157
CIE _{Lab}	38.72, 64.49, 15.90
CIE _{LCh}	39, 66.421, 13.848
Yxy	10.4970, 0.5469, 0.2787
Android (android.graphics.Color)	4290183237 (0xFFB70045)
YUV	62.5830, 3.1636, 105.6057
Hunter-Lab	32.3990, 56.8104, 10.6554

Details

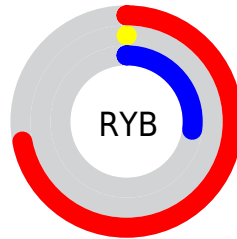
The Hex color **B70045** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **00B772**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **F55275**, and **7A001B** is the 20% darker color. If you saturate the color by 10%, you get **B70045**, and if you desaturate by 10%, it is **B71250**.

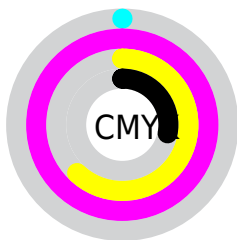
Distribution



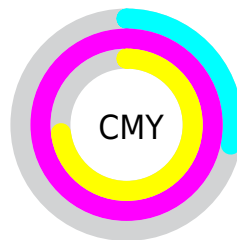
- Red (72%)
- Green (0%)
- Blue (27%)



- Red (72%)
- Yellow (0%)
- Blue (27%)



- Cyan (0%)
- Magenta (100%)
- Yellow (62%)
- Black (28%)



- Cyan (28%)
- Magenta (100%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color B70045 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 B70045 by changing the saturation by 10% instead.

 B70045

 B70045

FFFFFF

 98002F

 F55275

 7A001B

 FF6F8E

 5D0000

 FF8CA9

 400003

 FFA8C4

 1D0001

 FFC6E0

 000000

 FFE3FC

 B70045

 B71250

 B7255C

 B73767

 B74973

 B75C7E

 B76E89

 B78095

 B792A0

 B7A5AC

Harmonies

Analogous

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



AA147B



B70045



A8300E

Triad

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



B70045



016B00



006AC4

Complementary

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



B70045



00B772

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.



0071A6



B70045



00703B

Square

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



B70045



596100



007274



005AC6

Rectangle

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



B70045



944500



007274



006DBD

Sweetspot

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



B70045



EDA6C1



7100B7



784D5D



F7F7F7



787878

Same Dimension

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



B70045



ED0059



B71500



5C5356



9C003B



1C000B

Inverse Universe

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



B70045



ED0059



00A2B7



5C5356



9C003B



1C000B

Previews

White Background



This preview shows how the Hex color B70045 looks on a white background.

Color Contrast Check

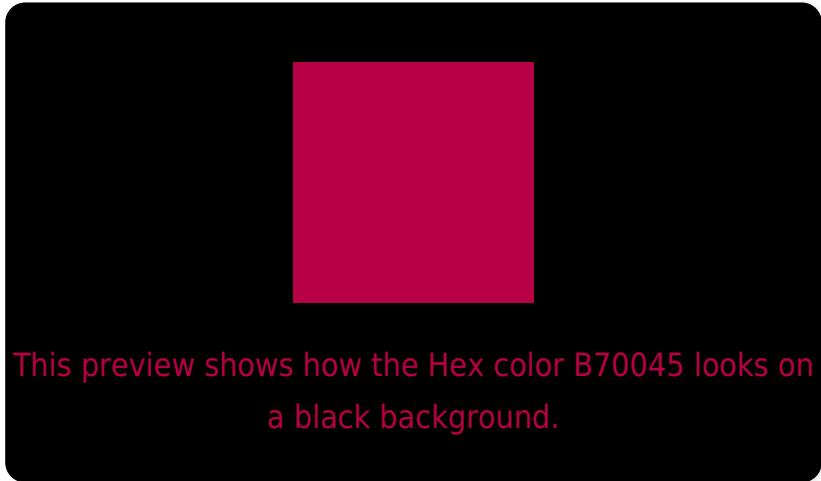
Large Text (above 18pt) WCAG AA ✓ Pass

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 B70045 Background



This preview shows how black text looks on a background with the Hex color B70045.

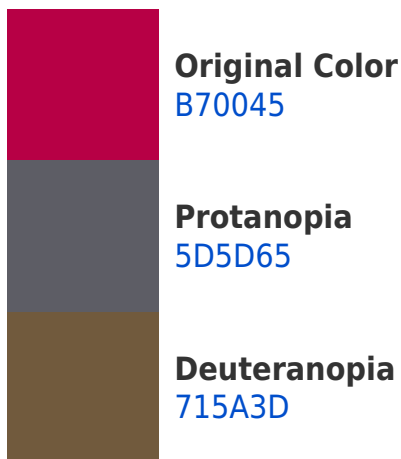


This preview shows how white text looks on a background with the Hex color B70045.

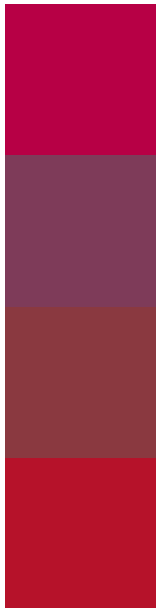
Color Blindness Simulation

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
B70045

Protanomaly
7E3B59

Deuteranomaly
8A3940

Tritanomaly
B6122A

Monochromacy



Original Color
B70045

Achromatopsia
3F3F3F

Achromatomaly
6B2841

CSS Examples

Text

The CSS property to change the color of the text to Hex B70045 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 #B70045 looks like.

```
.text, #text, p{  
    color:#B70045  
}
```

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 #B70045 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B70045
}
```

Border

The CSS property to change the border of an element to Hex B70045 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".

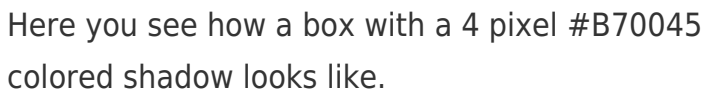
```
.border, #border, table{ border:4px solid
#B70045 }
```

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

```
.border{ border-color:#B70045 }
```

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

Here you see how a box with a 4 pixel #B70045 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 #B70045 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B70045; -webkit-box-shadow:4px 4px  
4px 4px #B70045; box-shadow:4px 4px 4px  
4px #B70045 }
```

Background

The CSS property to change the background color of an element to Hex B70045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B70045 }
```

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

```
.background{ background-color:#B70045 }
```

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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