

Converting Colors

Hex(B70026)

Have a look what the booklet for
Hex(B70026) contains.

Hex(B70026)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B70026)

Conversions

Conversions Part 1

Format	Color
Hex	B70026
RGB	183, 0, 38
RGB Percent	72%, 0%, 15%
CMY	0.2824, 1.0000, 0.8510
CMYK	0.00, 1.00, 0.79, 0.28
HSL	348°, 100%, 36%
HSV	348°, 100%, 72%
XYZ	19.8783, 10.2072, 2.7562
YIQ	59.0490, 96.8700, 50.6140

Conversions

Conversions Part 2

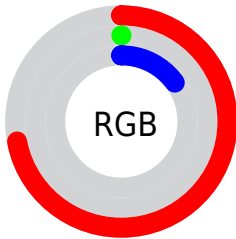
Format	Color
R_{YB}	183, 0, 38
Decimal	11993126
CIE _{Lab}	38.21, 63.12, 34.74
CIE _{LCh}	38, 72.050, 28.831
Yxy	10.2072, 0.6053, 0.3108
Android (android.graphics.Color)	4290183206 (0xFFB70026)
YUV	59.0490, -10.3772, 108.7050
Hunter-Lab	31.9487, 55.1512, 17.2492

Details

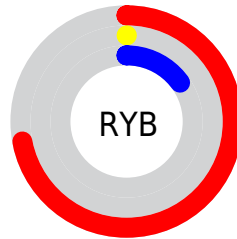
The Hex color **B70026** is a dark color, and the websafe version is hex **CC0033**. A complement of this color would be **00B791**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **F75153**, and **790000** is the 20% darker color. If you saturate the color by 10%, you get **B70026**, and if you desaturate by 10%, it is **B71235**.

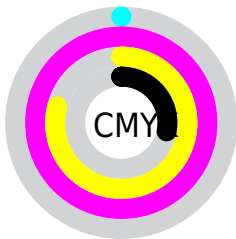
Distribution



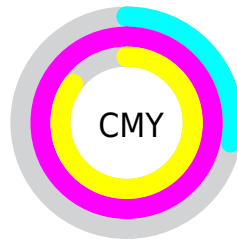
- Red (72%)
- Green (0%)
- Blue (15%)



- Red (72%)
- Yellow (0%)
- Blue (15%)



- Cyan (0%)
- Magenta (100%)
- Yellow (79%)
- Black (28%)



- Cyan (28%)
- Magenta (100%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color B70026 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 B70026 by changing the saturation by 10% instead.

 B70026

 B70026

FFFFFF

 980012

 F75153

 790000

 FF6E6C

 5A0000

 FF8A85

 3D0003

 FFA79F

 190001

 FFC4BA

 000000

 FFE1D6

 FFFFF2

 B70026

 B71235

 B72543

 B73752

 B74960

 B75C6F

 B76E7D

 B7808C

 B7929A

 B7A5A9

Harmonies

Analogous

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



BA005F



B70026



9C3C00

Triad

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



B70026



006E14



0063D1

Complementary

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



B70026



00B791

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.



006EBF



B70026



007156

Square

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



B70026



356600



007291



454BC2

Rectangle

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



B70026



805000



007291



0068CE

Sweetspot

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



B70026



EDA6B5



8F00B7



784D56



F7F7F7



787878

Same Dimension

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



B70026



ED0031



B73400



5C5355



9C0020



1C0006

Inverse Universe

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



B70026



ED0031



0083B7



5C5355



9C0020



1C0006

Previews

White Background



This preview shows how the Hex color B70026 looks on a white background.

Color Contrast Check

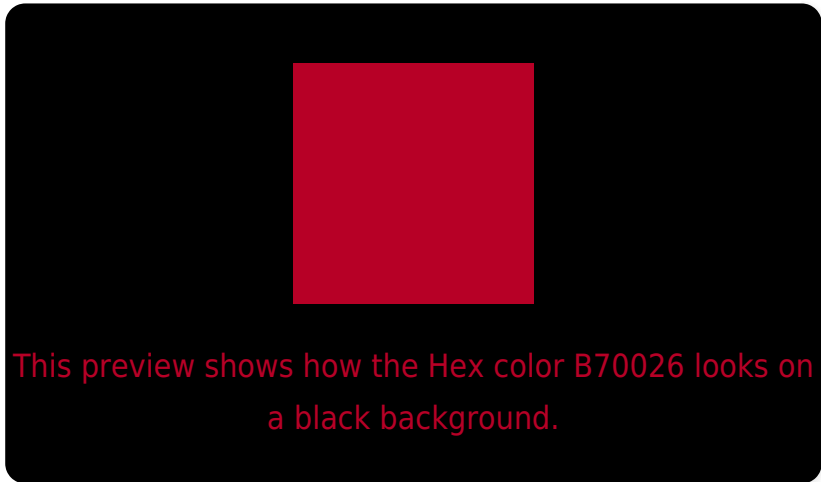
Large Text (above 18pt) WCAG AA ✓ Pass

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 B70026 Background



This preview shows how black text looks on a background with the Hex color B70026.

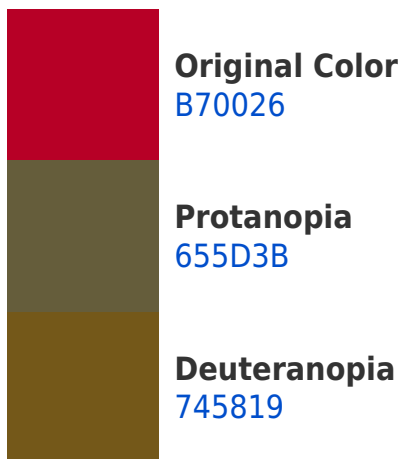


This preview shows how white text looks on a background with the Hex color B70026.

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
B71003

Trichromacy



Original Color
B70026

Protanomaly
833B33

Deuteranomaly
8C381E

Tritanomaly
B70A10

Monochromacy



Original Color
B70026

Achromatopsia
3B3B3B

Achromatomaly
682633

CSS Examples

Text

The CSS property to change the color of the text to Hex B70026 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 #B70026 looks like.

```
.text, #text, p{  
    color:#B70026  
}
```

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 #B70026 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B70026
}
```

Border

The CSS property to change the border of an element to Hex B70026 is called "border". The border property can be set on classes, ids or directly on the HTML element.

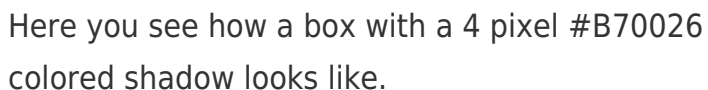
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B70026 }
```

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

```
.border{ border-color:#B70026 }
```

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



Here you see how a box with a 4 pixel #B70026 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B70026; -webkit-box-shadow:4px 4px  
4px 4px #B70026; box-shadow:4px 4px 4px  
4px #B70026 }
```

Background

The CSS property to change the background color of an element to Hex B70026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B70026 }
```

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

```
.background{ background-color:#B70026 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor