

Converting Colors

Hex(B70000)

Have a look what the booklet for
Hex(B70000) contains.

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Color

Hex(B70000)

Conversions

Conversions Part 1

Format	Color
Hex	B70000
RGB	183, 0, 0
RGB Percent	72%, 0%, 0%
CMY	0.2824, 1.0000, 1.0000
CMYK	0.00, 1.00, 1.00, 0.28
HSL	0°, 100%, 36%
HSV	0°, 100%, 72%
XYZ	19.5284, 10.0673, 0.9139
YIQ	54.7170, 109.0680, 38.7960

Conversions

Conversions Part 2

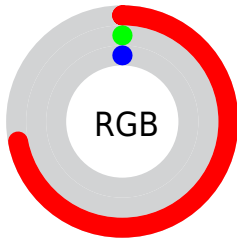
Format	Color
RYB	183, 0, 0
Decimal	11993088
CIELab	37.96, 62.44, 52.38
CIELCh	38, 81.502, 39.993
Yxy	10.0673, 0.6401, 0.3300
Android (android.graphics.Color)	4290183168 (0xFFB70000)
YUV	54.7170, -26.9755, 112.5042
Hunter-Lab	31.7290, 54.3368, 20.5025

Details

The Hex color **B70000** is a dark color, and the websafe version is hex **CC0000**. A complement of this color would be **00B7B7**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **F85032**, and **770000** is the 20% darker color. If you saturate the color by 10%, you get **B70000**, and if you desaturate by 10%, it is **B71212**.

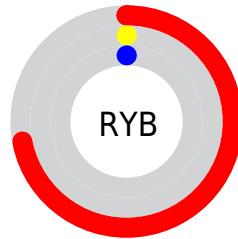
Distribution



Red (72%)

Green (0%)

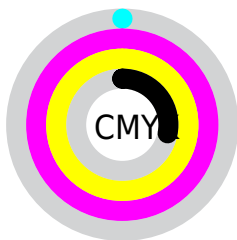
Blue (0%)



Red (72%)

Yellow (0%)

Blue (0%)

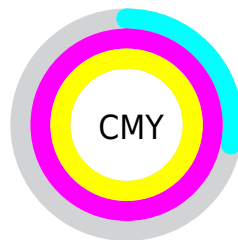


Cyan (0%)

Magenta (100%)

Yellow (100%)

Black (28%)



Cyan (28%)

Magenta (100%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color B70000 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 B70000 by changing the saturation by 10% instead.

 B70000

 B70000

 FFFFEA

 970000

 F85032

 770000

 FF6D4A

 580000

 FF8963

 3C0003

 FFA67C

 170000

 FFC397

 000000

 FFE0B2

 FFFECE

 B70000

 B71212

 B72525

 B73737

 B74949

 B75C5C

 B76E6E

 B78080

 B79292

 B7A5A5

Harmonies

Analogous

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



C60047



B70000



904400

Triad

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



B70000



007028



005CDF

Complementary

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



B70000



00B7B7

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.



006DD8



B70000



00726F

Square

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



B70000



006B00



0073AE



6F38C0

Rectangle

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



B70000



6E5700



0073AE



0064E1

Sweetspot

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



B70000



EDA6A6



B700B7



784D4D



F7F7F7



787878

Same Dimension

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



B70000



ED0000



B75C00



5C5353



9C0000



1C0000

Inverse Universe

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



00B7B7



00EDED



005CB7



535C5C



009C9C



001C1C

Previews

White Background



This preview shows how the Hex color B70000 looks on a white background.

Color Contrast Check

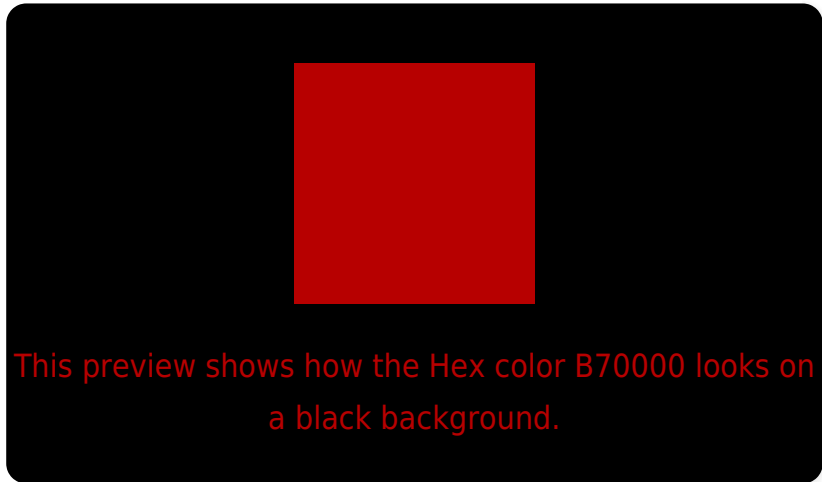
Large Text (above 18pt) WCAG AA ✓ Pass

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 B70000 Background



This preview shows how black text looks on a background with the Hex color B70000.



This preview shows how white text looks on a background with the Hex color B70000.

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
B70000

Protanopia
685D18

Deuteranopia
745800



Tritanopia
B61100

Trichromacy



Original Color
B70000

Protanomaly
853B0F

Deuteranomaly
8C3800

Tritanomaly
B60B00

Monochromacy



Original Color
B70000

Achromatopsia
373737

Achromatomaly
662323

CSS Examples

Text

The CSS property to change the color of the text to Hex B70000 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 #B70000 looks like.

```
.text, #text, p{  
    color:#B70000  
}
```

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 #B70000 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B70000
}
```

Border

The CSS property to change the border of an element to Hex B70000 is called "border". The border property can be set on classes, ids or directly on the HTML element.

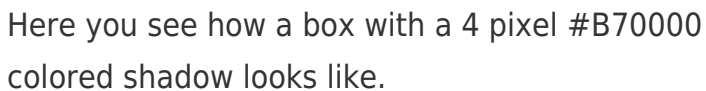
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B70000 }
```

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

```
.border{ border-color:#B70000 }
```

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



Here you see how a box with a 4 pixel #B70000 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B70000; -webkit-box-shadow:4px 4px  
4px 4px #B70000; box-shadow:4px 4px 4px  
4px #B70000 }
```

Background

The CSS property to change the background color of an element to Hex B70000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B70000 }
```

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

```
.background{ background-color:#B70000 }
```

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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