

# Converting Colors

Hex(B70A30)

Have a look what the booklet for  
Hex(B70A30) contains.

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# Color

**Hex(B70A30)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B70A30
RGB	183, 10, 48
RGB Percent	72%, 4%, 19%
CMY	0.2824, 0.9608, 0.8118
CMYK	0.00, 0.95, 0.74, 0.28
HSL	347°, 90%, 38%
HSV	347°, 95%, 72%
XYZ	20.1705, 10.4978, 3.7595
YIQ	66.0590, 90.9100, 48.4940

# Conversions

## Conversions Part 2

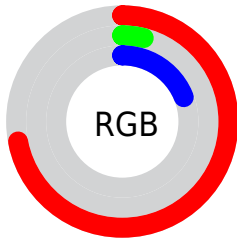
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">183, 10, 48</a>
Decimal	<a href="#">11995696</a>
CIELab	<a href="#">38.72, 62.37, 29.22</a>
CIELCh	<a href="#">39, 68.876, 25.104</a>
Yxy	<a href="#">10.4978, 0.5859, 0.3049</a>
Android (android.graphics.Color)	<a href="#">4290185776</a> ( <a href="#">0xFFB70A30</a> )
YUV	<a href="#">66.0590, -8.9031, 102.5573</a>
Hunter-Lab	<a href="#">32.4003, 54.4231, 15.8006</a>

# Details

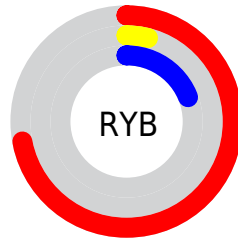
The Hex color **B70A30** is a dark color, and the websafe version is hex **CC0033**. A complement of this color would be **0AB791**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **F6545E**, and **790003** is the 20% darker color. If you saturate the color by 10%, you get **B70028**, and if you desaturate by 10%, it is **B71C3E**.

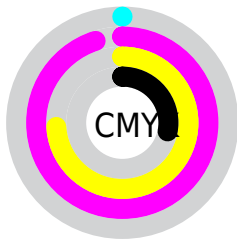
# Distribution



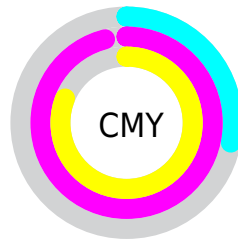
- Red (72%)
- Green (4%)
- Blue (19%)



- Red (72%)
- Yellow (4%)
- Blue (19%)



- Cyan (0%)
- Magenta (95%)
- Yellow (74%)
- Black (28%)



- Cyan (28%)
- Magenta (96%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B70A30 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 B70A30 by changing the saturation by 10% instead.



 B70A30

 B70A30

FFFFFF

 98001B

 F6545E

 790003

 FF7177

 5B0000

 FF8D90

 3F0003

 FFAAAB

 1B0001

 FFC7C6

 000000

 FFE4E2

 B70A30

 B70A30

 B70028

 B71C3E

 B72F4D

 B7415B

 B75369

 B76677

 B77886

 B78A94

 B79CA2

 B7AFB1

# Harmonies

## Analogous

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



B60067



B70A30



9F3B00

# Triad

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



B70A30



006E0F



0066CC

# Complementary

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



B70A30



0AB791

# 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.



006FB7



B70A30



007150

# Square

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



B70A30



426600



00728A



3651C2

# Rectangle

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



B70A30



864E00



00728A



006AC9



# Sweetspot

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



B70A30



EDABB9



8F0AB7



784F58



F7F7F7



787878



# Same Dimension

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



B70A30



ED0034



B7380A



5C5355



9C0022



1C0006



# Inverse Universe

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



B70A30



ED0034



0A89B7



5C5355



9C0022



1C0006



# Previews

## White Background



This preview shows how the Hex color B70A30 looks on a white background.

## Color Contrast Check

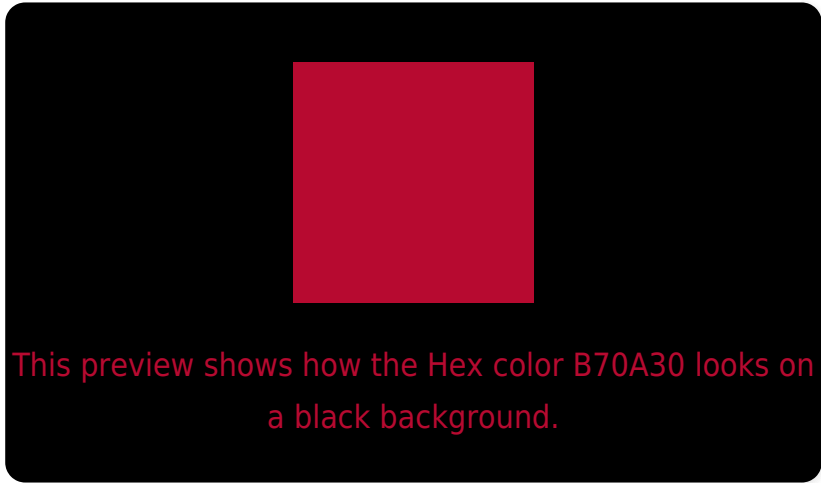
Large Text (above 18pt) WCAG AA ✓ Pass

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 B70A30 Background



This preview shows how black text looks on a background with the Hex color B70A30.

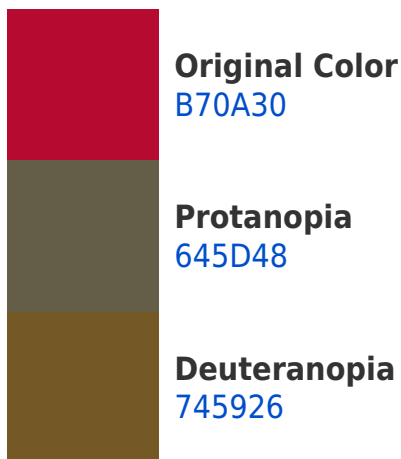


This preview shows how white text looks on a background with the Hex color B70A30.

# 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**  
B61510

# Trichromacy



**Original Color**  
B70A30

**Protanomaly**  
823F3F

**Deuteranomaly**  
8C3C2A

**Tritanomaly**  
B6111C

# Monochromacy



**Original Color**  
B70A30

**Achromatopsia**  
424242

**Achromatomaly**  
6D2E3B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B70A30 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 #B70A30 looks like.

```
.text, #text, p{  
    color:#B70A30  
}
```

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 #B70A30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B70A30
}
```

## Border

The CSS property to change the border of an element to Hex B70A30 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".

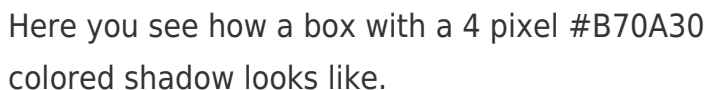
```
.border, #border, table{ border:4px solid
#B70A30 }
```

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

```
.border{ border-color:#B70A30 }
```

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

Here you see how a box with a 4 pixel #B70A30 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B70A30; -webkit-box-shadow:4px 4px  
4px 4px #B70A30; box-shadow:4px 4px 4px  
4px #B70A30 }
```

# Background

The CSS property to change the background color of an element to Hex B70A30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B70A30 }
```

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

```
.background{ background-color:#B70A30 }
```

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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