

Converting Colors

Hex(B70D0D)

Have a look what the booklet for
Hex(B70D0D) contains.

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Color

Hex(B70D0D)

Conversions

Conversions Part 1

Format	Color
Hex	B70D0D
RGB	183, 13, 13
RGB Percent	72%, 5%, 5%
CMY	0.2824, 0.9490, 0.9490
CMYK	0.00, 0.93, 0.93, 0.28
HSL	0°, 87%, 38%
HSV	0°, 93%, 72%
XYZ	19.7450, 10.3842, 1.3444
YIQ	63.8300, 101.3200, 36.0400

Conversions

Conversions Part 2

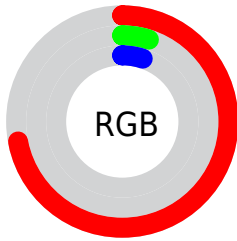
Format	Color
RYB	183, 13, 13
Decimal	11996429
CIELab	38.52, 61.11, 47.78
CIElCh	39, 77.572, 38.020
Yxy	10.3842, 0.6274, 0.3299
Android (android.graphics.Color)	4290186509 (0xFFB70D0D)
YUV	63.8300, -25.0592, 104.5121
Hunter-Lab	32.2245, 52.9799, 20.0835

Details

The Hex color **B70D0D** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **0DB7B7**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **F7543C**, and **780000** is the 20% darker color. If you saturate the color by 10%, you get **B70000**, and if you desaturate by 10%, it is **B71F1F**.

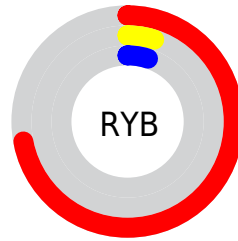
Distribution



Red (72%)

Green (5%)

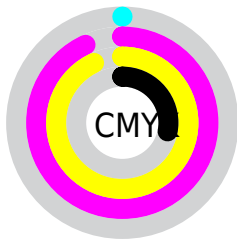
Blue (5%)



Red (72%)

Yellow (5%)

Blue (5%)

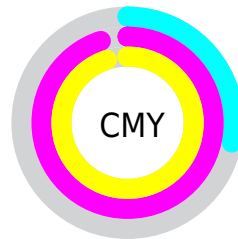


Cyan (0%)

Magenta (93%)

Yellow (93%)

Black (28%)



Cyan (28%)

Magenta (95%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color B70D0D 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 B70D0D by changing the saturation by 10% instead.

 B70D0D

 B70D0D

 FFFFF5

 980000

 F7543C

 780000

 FF7154

 590000

 FF8D6D

 3D0003

 FFA987

 180001

 FFC6A1

 000000

 FFE4BD

 FFFFD9

 B70D0D

 B70D0D

 B70000

 B71F1F

 B73232

 B74444

 B75656

 B76969

 B77B7B

 B78D8D

 B79F9F

 B7B2B2

Harmonies

Analogous

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



C3004D



B70D0D



944500

Triad

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



B70D0D



007127



005FDA

Complementary

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



B70D0D



0DB7B7

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.



006ED1



B70D0D



00736B

Square

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



B70D0D



016B00



0073A8



6A3FC0

Rectangle

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



B70D0D



735700



0073A8



0065DB

Sweetspot

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



B70D0D



EDABAB



B70DB7



784F4F



F7F7F7



787878

Same Dimension

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



B70D0D



ED0000



B7620D



5C5353



9C0000



1C0000

Inverse Universe

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



0DB7B7



00EDED



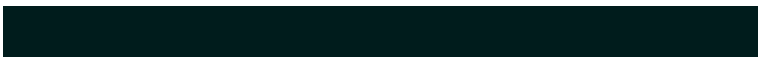
0D62B7



535C5C



009C9C



001C1C

Previews

White Background



This preview shows how the Hex color B70D0D looks on a white background.

Color Contrast Check

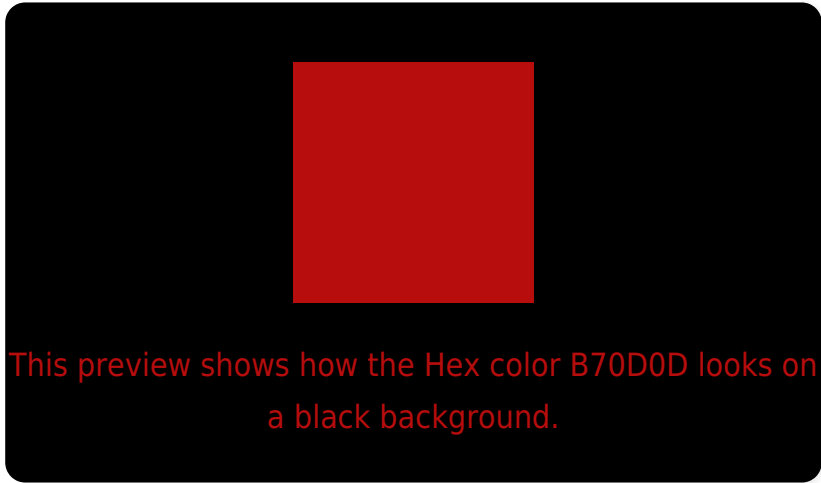
Large Text (above 18pt) WCAG AA ✓ Pass

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 B70D0D Background



This preview shows how black text looks on a background with the Hex color B70D0D.



This preview shows how white text looks on a background with the Hex color B70D0D.

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
B70D0D

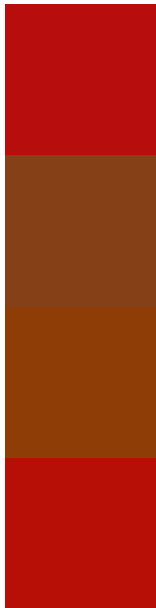
Protanopia
685D1D

Deuteranopia
755800



Tritanopia
B71000

Trichromacy



Original Color
B70D0D

Protanomaly
854017

Deuteranomaly
8D3D05

Tritanomaly
B70F05

Monochromacy



Original Color
B70D0D

Achromatopsia
404040

Achromatomaly
6B2D2D

CSS Examples

Text

The CSS property to change the color of the text to Hex B70D0D 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 #B70D0D looks like.

```
.text, #text, p{  
    color:#B70D0D  
}
```

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 #B70D0D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B70D0D }  
}
```

Border

The CSS property to change the border of an element to Hex B70D0D is called "border". The border property can be set on classes, ids or directly on the HTML element.

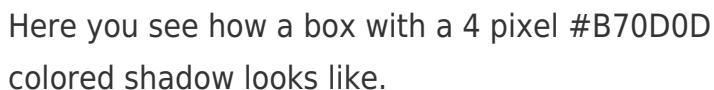
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #B70D0D }  
}
```

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

```
.border{ border-color:#B70D0D }
```

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



Here you see how a box with a 4 pixel #B70D0D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B70D0D; -webkit-box-shadow:4px 4px  
4px 4px #B70D0D; box-shadow:4px 4px 4px  
4px #B70D0D }
```

Background

The CSS property to change the background color of an element to Hex B70D0D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B70D0D }
```

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

```
.background{ background-color:#B70D0D }
```

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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