

Converting Colors

Hex(B70A06)

Have a look what the booklet for
Hex(B70A06) contains.

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Color

Hex(B70A06)

Conversions

Conversions Part 1

Format	Color
Hex	B70A06
RGB	183, 10, 6
RGB Percent	72%, 4%, 2%
CMY	0.2824, 0.9608, 0.9765
CMYK	0.00, 0.95, 0.97, 0.28
HSL	1°, 94%, 37%
HSV	1°, 97%, 72%
XYZ	19.6699, 10.2975, 1.1232
YIQ	61.2710, 104.3920, 35.4320

Conversions

Conversions Part 2

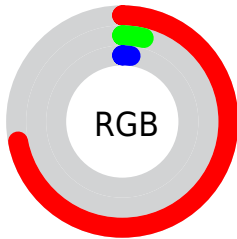
Format	Color
RYB	183, 10, 6
Decimal	11995654
CIELab	38.37, 61.39, 50.21
CIElCh	38, 79.306, 39.277
Yxy	10.2975, 0.6327, 0.3312
Android (android.graphics.Color)	4290185734 (0xFFB70A06)
YUV	61.2710, -27.2486, 106.7563
Hunter-Lab	32.0897, 53.2570, 20.3876

Details

The Hex color **B70A06** is a dark color, and the websafe version is hex **CC0000**. A complement of this color would be **06B3B7**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **F85337**, and **780000** is the 20% darker color. If you saturate the color by 10%, you get **B70400**, and if you desaturate by 10%, it is **B71C18**.

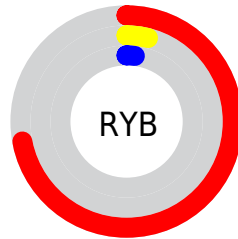
Distribution



Red (72%)

Green (4%)

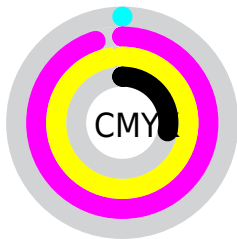
Blue (2%)



Red (72%)

Yellow (4%)

Blue (2%)

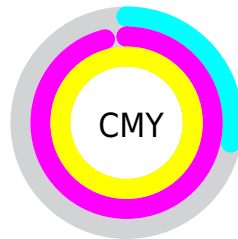


Cyan (0%)

Magenta (95%)

Yellow (97%)

Black (28%)



Cyan (28%)

Magenta (96%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color B70A06 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 B70A06 by changing the saturation by 10% instead.

 B70A06

 B70A06

 FFFFFFF0

 970000

 F85337

 780000

 FF704F

 590000

 FF8C68

 3D0003

 FFA882

 180001

 FFC59C

 000000

 FFE3B7

 FFFFD3

 B70A06

 B70A06

 B70400

 B71C18

 B72E2B

 B7403D

 B7524F

 B76362

 B77574

 B78786

 B79998

 B7ABAB

Harmonies

Analogous

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



C5004A



B70A06



924500

Triad

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



B70A06



007128



005EDC

Complementary

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



B70A06



06B3B7

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.



006ED5



B70A06



00736E

Square

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



B70A06



006B00



0073AC



6E3CC0

Rectangle

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



B70A06



705800



0073AC



0065DE

Sweetspot

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



B70A06



EDAAA8



B706B4



784F4E



F7F7F7



787878

Same Dimension

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



B70A06



ED0500



B76106



5C5353



9C0400



1C0100

Inverse Universe

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



06B3B7



00E8ED



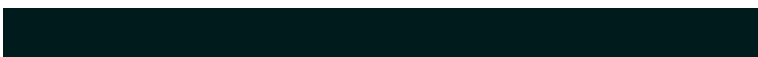
065CB7



535C5C



00989C



001B1C

Previews

White Background



This preview shows how the Hex color B70A06 looks on a white background.

Color Contrast Check

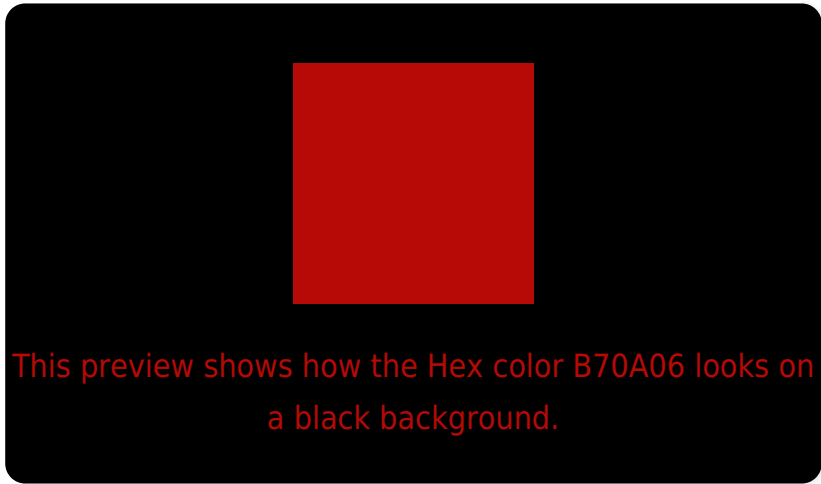
Large Text (above 18pt) WCAG AA ✓ Pass

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 B70A06 Background



This preview shows how black text looks on a background with the Hex color B70A06.



This preview shows how white text looks on a background with the Hex color B70A06.

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
B70A06

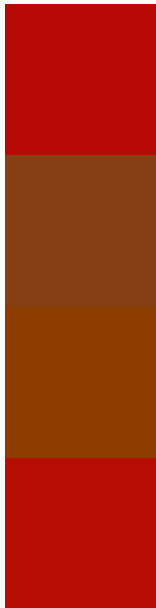
Protanopia
685D19

Deuteranopia
755800



Tritanopia
B61100

Trichromacy



Original Color
B70A06

Protanomaly
853F12

Deuteranomaly
8D3C02

Tritanomaly
B60E02

Monochromacy



Original Color
B70A06

Achromatopsia
3D3D3D

Achromatomaly
692A29

CSS Examples

Text

The CSS property to change the color of the text to Hex B70A06 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 #B70A06 looks like.

```
.text, #text, p{  
    color:#B70A06  
}
```

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 #B70A06 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B70A06
}
```

Border

The CSS property to change the border of an element to Hex B70A06 is called "border". The border property can be set on classes, ids or directly on the HTML element.

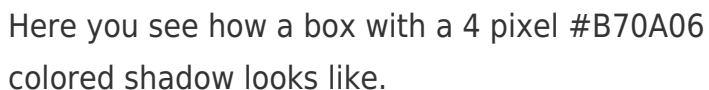
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B70A06 }
```

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

```
.border{ border-color:#B70A06 }
```

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



Here you see how a box with a 4 pixel #B70A06 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B70A06; -webkit-box-shadow:4px 4px  
4px 4px #B70A06; box-shadow:4px 4px 4px  
4px #B70A06 }
```

Background

The CSS property to change the background color of an element to Hex B70A06 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B70A06 }
```

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

```
.background{ background-color:#B70A06 }
```

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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