

# Converting Colors

Hex(B70F05)

Have a look what the booklet for  
Hex(B70F05) contains.

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**Color**

**Hex(B70F05)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B70F05
RGB	183, 15, 5
RGB Percent	72%, 6%, 2%
CMY	0.2824, 0.9412, 0.9804
CMYK	0.00, 0.92, 0.97, 0.28
HSL	3°, 95%, 37%
HSV	3°, 97%, 72%
XYZ	19.7267, 10.4199, 1.1151
YIQ	64.0920, 103.3380, 32.5060

# Conversions

## Conversions Part 2

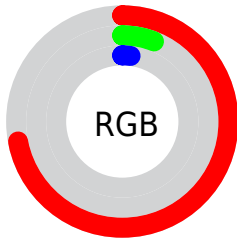
Format	Color
<a href="#">RYB</a>	183, 16, 5
Decimal	11996933
CIELab	38.59, 60.75, 50.68
CIELCh	39, 79.115, 39.836
Yxy	10.4199, 0.6310, 0.3333
Android (android.graphics.Color)	4290187013 (0xFFB70F05)
YUV	64.0920, -29.1324, 104.2823
Hunter-Lab	32.2798, 52.5941, 20.5477

# Details

The Hex color **B70F05** is a dark color, and the websafe version is hex **CC0000**. A complement of this color would be **05ADB7**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **F85536**, and **780000** is the 20% darker color. If you saturate the color by 10%, you get **B70A00**, and if you desaturate by 10%, it is **B72017**.

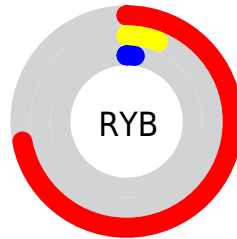
# Distribution



Red (72%)

Green (6%)

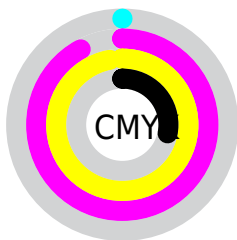
Blue (2%)



Red (72%)

Yellow (6%)

Blue (2%)

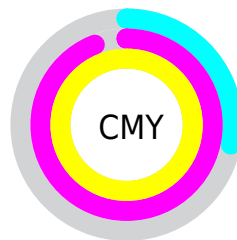


Cyan (0%)

Magenta (92%)

Yellow (97%)

Black (28%)



Cyan (28%)

Magenta (94%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B70F05 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 B70F05 by changing the saturation by 10% instead.



 B70F05

 B70F05

 FFFFFFF0

 970000

 F85536

 780000

 FF714F

 590000

 FF8D68

 3D0003

 FFAA81

 180001

 FFC79C

 000000

 FFE4B7

 FFFFD3

 B70F05

 B70F05

 B70A00

 B72017

 B7322A

 B7433C

 B7544E

 B76561

 B77773

 B78885

 B79997

 B7AAAA

# Harmonies

## Analogous

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



C60049



B70F05



924600

# Triad

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



B70F05



00712A



005EDC

# Complementary

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



B70F05



05ADB7

# 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.



006ED6



B70F05



00746F

# Square

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



B70F05



006C00



0074AD



713BBF

# Rectangle

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



B70F05



705900



0074AD



0065DE



# Sweetspot

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



B70F05



EDACA8



B705AE



78504E



F7F7F7



787878



# Same Dimension

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



B70F05



ED0D00



B76705



5C5353



9C0900



1C0200



# Inverse Universe

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



05ADB7



00E0ED



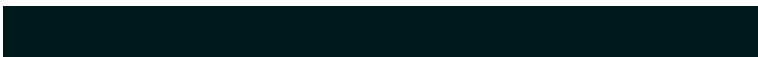
0555B7



535B5C



00939C



001A1C



# Previews

## White Background



This preview shows how the Hex color B70F05 looks on a white background.

## Color Contrast Check

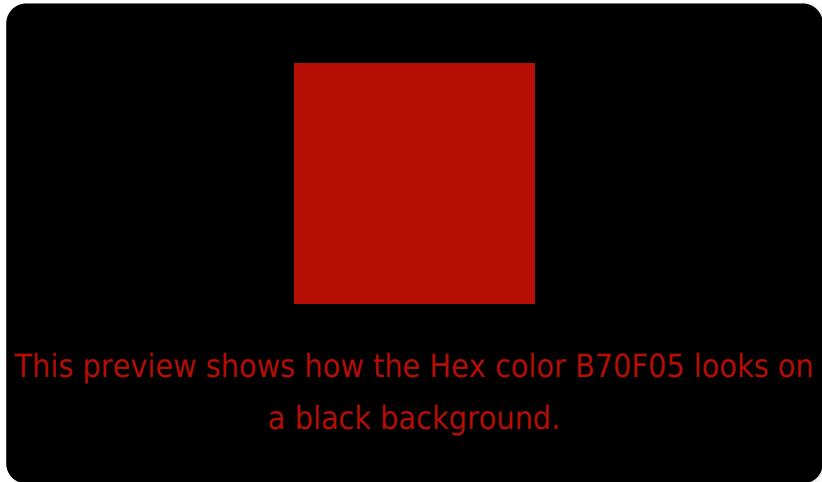
Large Text (above 18pt) WCAG AA ✓ Pass

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 B70F05 Background



This preview shows how black text looks on a background with the Hex color B70F05.



This preview shows how white text looks on a background with the Hex color B70F05.

# 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**  
B70F05

**Protanopia**  
685D18

**Tritanopia**  
B71000

# Trichromacy



**Original Color**  
B70F05

**Protanomaly**  
854111

**Tritanomaly**  
B71002

# Monochromacy



**Original Color**  
B70F05

**Achromatopsia**  
404040

**Achromatomaly**  
6B2E2B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B70F05 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 #B70F05 looks like.

```
.text, #text, p{  
    color:#B70F05  
}
```

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 #B70F05 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B70F05
}
```

## Border

The CSS property to change the border of an element to Hex B70F05 is called "border". The border property can be set on classes, ids or directly on the HTML element.

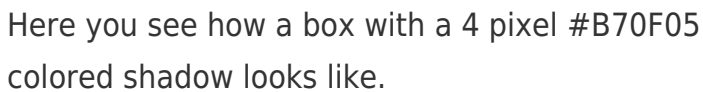
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B70F05 }
```

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

```
.border{ border-color:#B70F05 }
```

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



Here you see how a box with a 4 pixel #B70F05 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B70F05; -webkit-box-shadow:4px 4px  
4px 4px #B70F05; box-shadow:4px 4px 4px  
4px #B70F05 }
```

# Background

The CSS property to change the background color of an element to Hex B70F05 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B70F05 }
```

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

```
.background{ background-color:#B70F05 }
```

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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