

Converting Colors

Hex(B70F22)

Have a look what the booklet for
Hex(B70F22) contains.

Hex(B70F22)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B70F22)

Conversions

Conversions Part 1

Format	Color
Hex	B70F22
RGB	183, 15, 34
RGB Percent	72%, 6%, 13%
CMY	0.2824, 0.9412, 0.8667
CMYK	0.00, 0.92, 0.81, 0.28
HSL	353°, 85%, 39%
HSV	353°, 92%, 72%
XYZ	19.9880, 10.5244, 2.4913
YIQ	67.3980, 94.0290, 41.5250

Conversions

Conversions Part 2

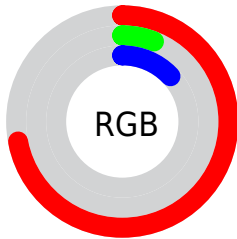
Format	Color
R_{YB}	183, 15, 34
Decimal	11996962
CIE _{Lab}	38.77, 61.27, 37.65
CIE _{LCh}	39, 71.911, 31.570
Yxy	10.5244, 0.6056, 0.3189
Android (android.graphics.Color)	4290187042 (0xFFB70F22)
YUV	67.3980, -16.4652, 101.3830
Hunter-Lab	32.4414, 53.2063, 18.1558

Details

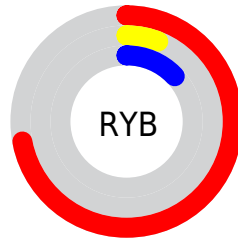
The Hex color **B70F22** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **0FB7A4**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **F7554F**, and **790000** is the 20% darker color. If you saturate the color by 10%, you get **B70015**, and if you desaturate by 10%, it is **B72132**.

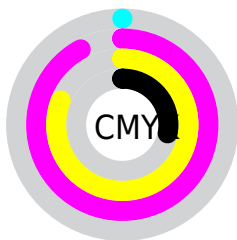
Distribution



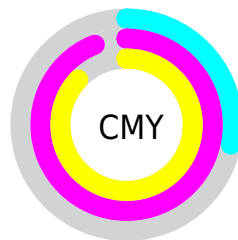
- Red (72%)
- Green (6%)
- Blue (13%)



- Red (72%)
- Yellow (6%)
- Blue (13%)



- Cyan (0%)
- Magenta (92%)
- Yellow (81%)
- Black (28%)



- Cyan (28%)
- Magenta (94%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color B70F22 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 B70F22 by changing the saturation by 10% instead.

 B70F22

 B70F22

FFFFFF

 98000D

 F7554F

 790000

 FF7268

 5A0000

 FF8E81

 3E0003

 FFAB9B

 1A0001

 FFC7B6

 000000

 FFE5D2

 FFFFEE

 B70F22

 B70F22

 B70015

 B72132

 B73442

 B74653

 B75863

 B76B73

 B77D83

 B78F94

 B7A1A4

 B7B4B4

Harmonies

Analogous

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



BC005B



B70F22



9A4000

Triad

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



B70F22



00701D



0063D2

Complementary

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



B70F22



0FB7A4

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.



006FC3



B70F22



00735D

Square

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



B70F22



2F6900



007398



534AC0

Rectangle

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



B70F22



7E5300



007398



0068D1

Sweetspot

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



B70F22



EDABB2



A30FB7



784F54



F7F7F7



787878

Same Dimension

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



B70F22



ED001B



B74F0F



5C5354



9C0012



1C0003

Inverse Universe

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



B70F22



ED001B



0F77B7



5C5354



9C0012



1C0003

Previews

White Background



This preview shows how the Hex color B70F22 looks on a white background.

Color Contrast Check

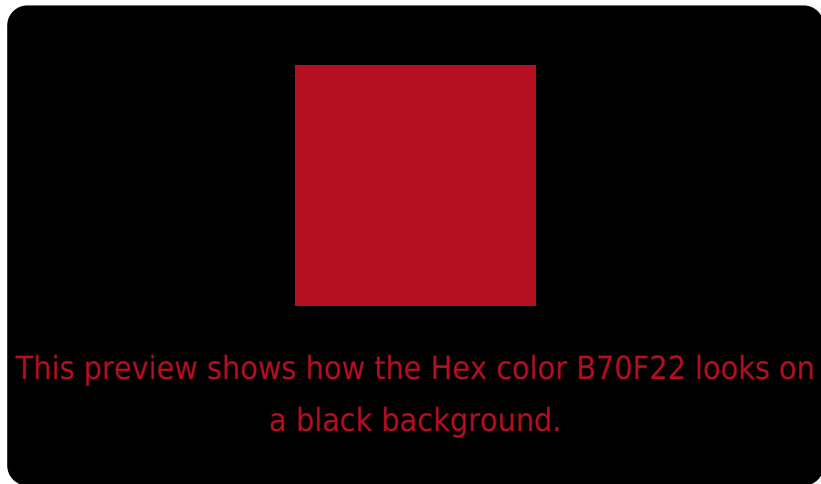
Large Text (above 18pt) WCAG AA ✓ Pass

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 B70F22 Background



This preview shows how black text looks on a background with the Hex color B70F22.



This preview shows how white text looks on a background with the Hex color B70F22.

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
B70F22

Protanopia
665D35

Deuteranopia
755813



Tritanopia
B7140D

Trichromacy



Original Color
B70F22

Protanomaly
83412E

Deuteranomaly
8D3D18

Tritanomaly
B71215

Monochromacy



Original Color
B70F22

Achromatopsia
434343

Achromatomaly
6D3037

CSS Examples

Text

The CSS property to change the color of the text to Hex B70F22 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 #B70F22 looks like.

```
.text, #text, p{  
    color:#B70F22  
}
```

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 #B70F22 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B70F22
}
```

Border

The CSS property to change the border of an element to Hex B70F22 is called "border". The border property can be set on classes, ids or directly on the HTML element.

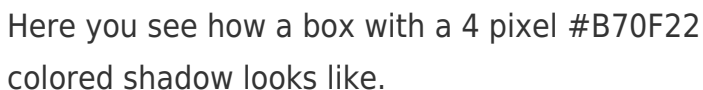
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B70F22 }
```

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

```
.border{ border-color:#B70F22 }
```

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



Here you see how a box with a 4 pixel #B70F22 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B70F22; -webkit-box-shadow:4px 4px  
4px 4px #B70F22; box-shadow:4px 4px 4px  
4px #B70F22 }
```

Background

The CSS property to change the background color of an element to Hex B70F22 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B70F22 }
```

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

```
.background{ background-color:#B70F22 }
```

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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