

# Converting Colors

Hex(B72221)

Have a look what the booklet for  
Hex(B72221) contains.

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**Color**

**Hex(B72221)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B72221
RGB	183, 34, 33
RGB Percent	72%, 13%, 13%
CMY	0.2824, 0.8667, 0.8706
CMYK	0.00, 0.81, 0.82, 0.28
HSL	0°, 69%, 42%
HSV	0°, 82%, 72%
XYZ	20.3750, 11.3211, 2.5502
YIQ	78.4370, 89.1250, 31.2770

# Conversions

## Conversions Part 2

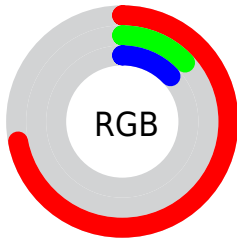
<b>Format</b>	<b>Color</b>
<b>RYB</b>	183, 34, 33
Decimal	12001825
CIELab	40.12, 57.36, 39.53
CIElCh	40, 69.664, 34.572
Yxy	11.3211, 0.5950, 0.3306
Android (android.graphics.Color)	4290191905 (0xFFB72221)
YUV	78.4370, -22.4004, 91.7018
Hunter-Lab	33.6469, 49.2091, 19.0591

# Details

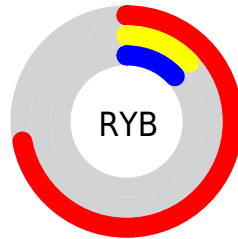
The Hex color **B72221** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **21B6B7**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **F65E4F**, and **790000** is the 20% darker color. If you saturate the color by 10%, you get **B7100F**, and if you desaturate by 10%, it is **B73433**.

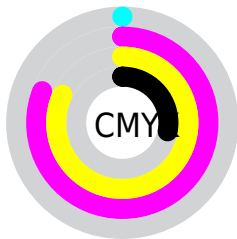
# Distribution



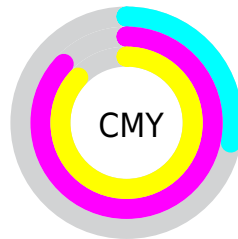
- Red (72%)
- Green (13%)
- Blue (13%)



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



- Cyan (0%)
- Magenta (81%)
- Yellow (82%)
- Black (28%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color B72221 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 B72221 by changing the saturation by 10% instead.



 B72221

 B72221

FFFFFF

 98000B

 F65E4F

 790000

 FF7A67

 5A0000

 FF9680

 3F0003

 FF829B

 1C0001

 FFCFB6

 000000

 FFEDD1

 FFFFEE

 B72221

 B72221

 B7100F

 B73433

 B70100

 B74646

 B75958

 B76B6A

 B77D7D

 B78F8F

 B7A1A1

 B7B3B3

 B7C6C6

# Harmonies

## Analogous

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



BF0059



B72221



994800

# Triad

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



B72221



007329



0064D2

# Complementary

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



B72221



21B6B7

# 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.



0071C6



B72221



007666

# Square

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



B72221



2D6D00



00769E



644ABE

# Rectangle

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



B72221



7D5900



00769E



0069D2



# Sweetspot

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



B72221



EDB2B2



B721B7



785454



F7F7F7



787878



# Same Dimension

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



B72221



ED0605



B76C21



5C5353



9C0100



1C0000



# Inverse Universe

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



21B6B7



05ECED



216CB7



535C5C



009B9C



001C1C



# Previews

## White Background



This preview shows how the Hex color B72221 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 B72221 Background



This preview shows how black text looks on a background with the Hex color B72221.



This preview shows how white text looks on a background with the Hex color B72221.

# 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**  
B72221

**Protanopia**  
6A6031

**Deuteranopia**  
795B12



**Tritanopia**  
B72221

# Trichromacy



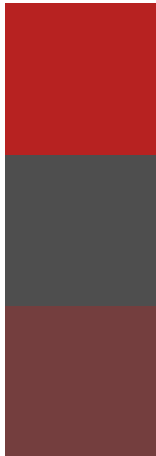
**Original Color**  
B72221

**Protanomaly**  
86492B

**Deuteranomaly**  
904617

**Tritanomaly**  
B72221

# Monochromacy



**Original Color**  
B72221

**Achromatopsia**  
4E4E4E

**Achromatomaly**  
743E3E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B72221 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 #B72221 looks like.

```
.text, #text, p{  
    color:#B72221  
}
```

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 #B72221 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B72221
}
```

## Border

The CSS property to change the border of an element to Hex B72221 is called "border". The border property can be set on classes, ids or directly on the HTML element.

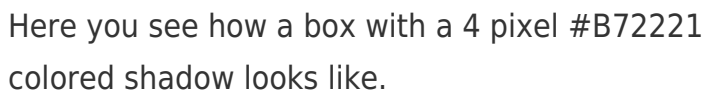
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B72221 }
```

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

```
.border{ border-color:#B72221 }
```

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



Here you see how a box with a 4 pixel #B72221 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B72221; -webkit-box-shadow:4px 4px  
4px 4px #B72221; box-shadow:4px 4px 4px  
4px #B72221 }
```

# Background

The CSS property to change the background color of an element to Hex B72221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B72221 }
```

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

```
.background{ background-color:#B72221 }
```

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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