

Converting Colors

Hex(B22C2C)

Have a look what the booklet for
Hex(B22C2C) contains.

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Color

Hex(B22C2C)

Conversions

Conversions Part 1

Format	Color
Hex	B22C2C
RGB	178, 44, 44
RGB Percent	70%, 17%, 17%
CMY	0.3020, 0.8275, 0.8275
CMYK	0.00, 0.75, 0.75, 0.30
HSL	0°, 60%, 44%
HSV	0°, 75%, 70%
XYZ	19.7154, 11.4482, 3.5535
YIQ	84.0660, 79.8640, 28.4080

Conversions

Conversions Part 2

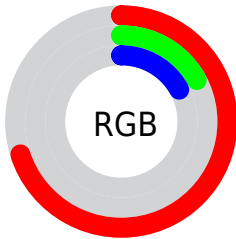
Format	Color
RYB	178, 44, 44
Decimal	11676716
CIELab	40.33, 53.20, 33.20
CIElCh	40, 62.706, 31.968
Yxy	11.4482, 0.5679, 0.3298
Android (android.graphics.Color)	4289866796 (0xFFB22C2C)
YUV	84.0660, -19.7525, 82.3801
Hunter-Lab	33.8352, 44.7985, 17.4578

Details

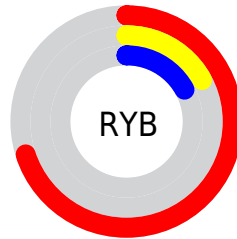
The Hex color **B22C2C** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **2CB2B2**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **F0645A**, and **760000** is the 20% darker color. If you saturate the color by 10%, you get **B21A1A**, and if you desaturate by 10%, it is **B23E3E**.

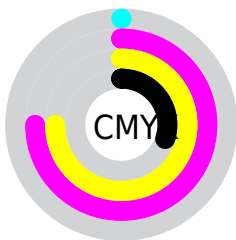
Distribution



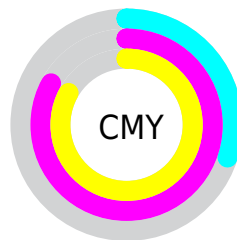
- Red (70%)
- Green (17%)
- Blue (17%)



- Red (70%)
- Yellow (17%)
- Blue (17%)



- Cyan (0%)
- Magenta (75%)
- Yellow (75%)
- Black (30%)



- Cyan (30%)
- Magenta (83%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color B22C2C 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 B22C2C by changing the saturation by 10% instead.

 B22C2C

 B22C2C

FFFFFF

 930317

 F0645A

 760000

 FF8073

 570000

 FF9C8C

 3D0002

 FFB8A7

 180001

 FFD4C2

 000000

 FFF2DE

 FFFFFB

 B22C2C

 B22C2C

 B21A1A

 B23E3E

 B20808

 B25050

 B20000

 B26161

 B27373

 B28585

 B29797

 B2A9A9

 B2BABA

 B2CCCC

Harmonies

Analogous

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



B6195E



B22C2C



994900

Triad

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



B22C2C



00722B



0065C7

Complementary

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



B22C2C



2CB2B2

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.



0070BA



B22C2C



007561

Square

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



B22C2C



3C6B00



007594



5E4FB7

Rectangle

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



B22C2C



7F5800



007594



006AC6

Sweetspot

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



B22C2C



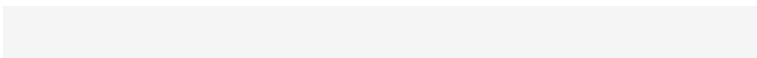
E8B3B3



B22CB2



755454



F5F5F5



757575

Same Dimension

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



B22C2C



E81717



B26F2C



595050



990000



1A0000

Inverse Universe

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



2CB2B2



17E8E8



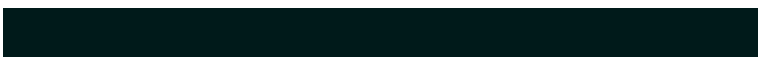
2C6FB2



505959



009999



001A1A

Previews

White Background



This preview shows how the Hex color B22C2C looks on a white background.

Color Contrast Check

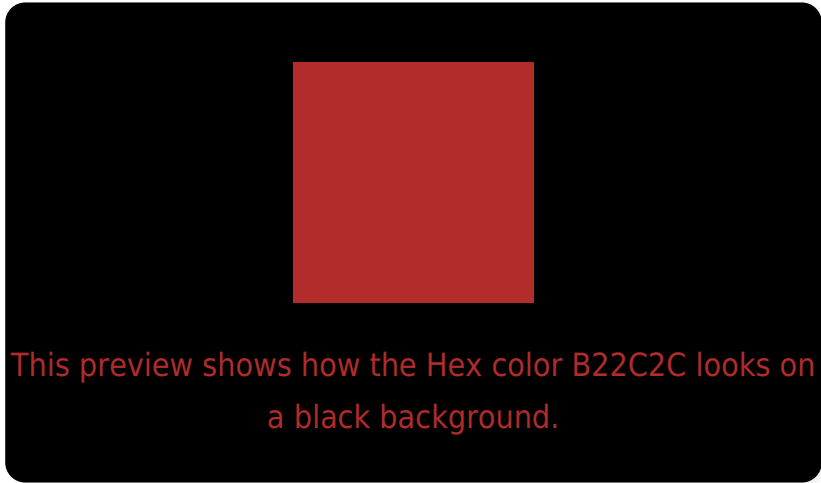
Large Text (above 18pt) WCAG AA ✓ Pass

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 B22C2C Background



This preview shows how black text looks on a background with the Hex color B22C2C.



This preview shows how white text looks on a background with the Hex color B22C2C.

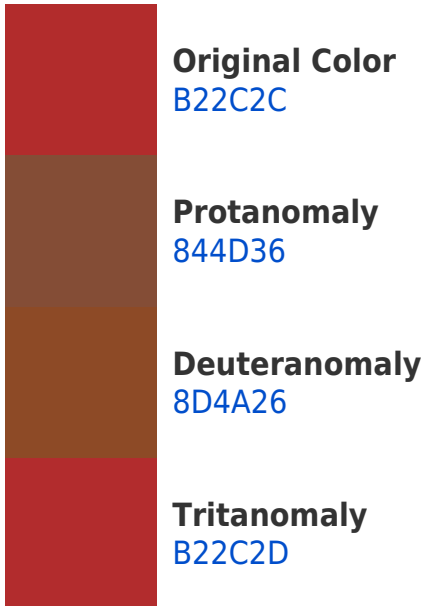
Color Blindness Simulation

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



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B22C2C 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 #B22C2C looks like.

```
.text, #text, p{  
    color:#B22C2C  
}
```

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 #B22C2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B22C2C }
}
```

Border

The CSS property to change the border of an element to Hex B22C2C is called "border". The border property can be set on classes, ids or directly on the HTML element.

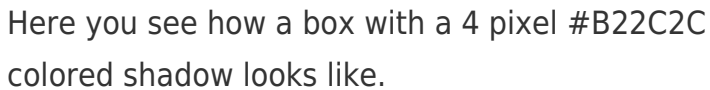
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #B22C2C }
}
```

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

```
.border{ border-color:#B22C2C }
```

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



Here you see how a box with a 4 pixel #B22C2C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B22C2C; -webkit-box-shadow:4px 4px  
4px 4px #B22C2C; box-shadow:4px 4px 4px  
4px #B22C2C }
```

Background

The CSS property to change the background color of an element to Hex B22C2C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B22C2C }
```

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

```
.background{ background-color:#B22C2C }
```

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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