

Converting Colors

Hex(B02323)

Have a look what the booklet for
Hex(B02323) contains.

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Color

Hex(B02323)

Conversions

Conversions Part 1

Format	Color
Hex	B02323
RGB	176, 35, 35
RGB Percent	69%, 14%, 14%
CMY	0.3098, 0.8627, 0.8627
CMYK	0.00, 0.80, 0.80, 0.31
HSL	0°, 67%, 41%
HSV	0°, 80%, 69%
XYZ	18.8089, 10.5535, 2.6358
YIQ	77.1590, 84.0360, 29.8920

Conversions

Conversions Part 2

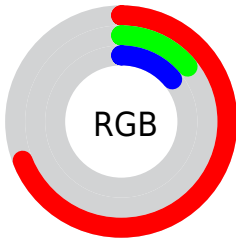
Format	Color
R_{YB}	176, 35, 35
Decimal	11543331
CIE Lab	38.82, 55.09, 36.66
CIE LCh	39, 66.168, 33.643
Yxy	10.5535, 0.5878, 0.3298
Android (android.graphics.Color)	4289733411 (0xFFB02323)
YUV	77.1590, -20.7844, 86.6836
Hunter-Lab	32.4862, 46.4974, 17.9298

Details

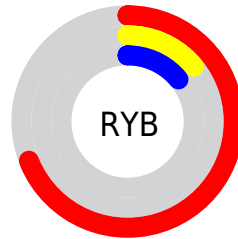
The Hex color **B02323** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **23B0B0**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **EF5E51**, and **730000** is the 20% darker color. If you saturate the color by 10%, you get **B01111**, and if you desaturate by 10%, it is **B03535**.

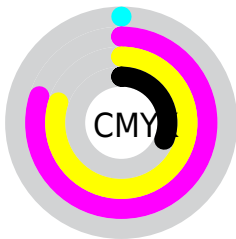
Distribution



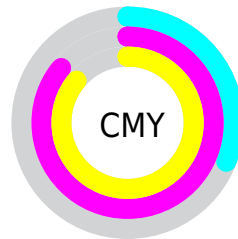
- Red (69%)
- Green (14%)
- Blue (14%)



- Red (69%)
- Yellow (14%)
- Blue (14%)



- Cyan (0%)
- Magenta (80%)
- Yellow (80%)
- Black (31%)



- Cyan (31%)
- Magenta (86%)
- Yellow (86%)

Brightness & Saturation Gradients


These gradients show how the Hex color B02323 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 B02323 by changing the saturation by 10% instead.

 B02323

 B02323

FFFFFF

 91000E

 EF5E51

 730000


 FF7969

 550000

 FF9582

 390002

 FFB19C

 110000

 FFCEB7

 000000

 FFEBD3

 FFFFF0

 B02323

 B02323

 B01111

 B03535

 B00000

 B04646

 B05858

 B06969

 B07B7B

 B08D8D

 B09E9E

 B0B0B0

 B0C1C1

Harmonies

Analogous

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



B60057



B02323



944500

Triad

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



B02323



006F27



0061C8

Complementary

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



B02323



23B0B0

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.



006DBC



B02323



007261

Square

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



B02323



306800



007296



5E49B6

Rectangle

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



B02323



7A5500



007296



0066C8

Sweetspot

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



B02323



E6AEAE



B023B0



735151



F2F2F2



737373

Same Dimension

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



B02323



E60909



B06A23



595050



990000



1A0000

Inverse Universe

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



23B0B0



09E6E6



236AB0



505959



009999



001A1A

Previews

White Background



This preview shows how the Hex color B02323 looks on a white background.

Color Contrast Check

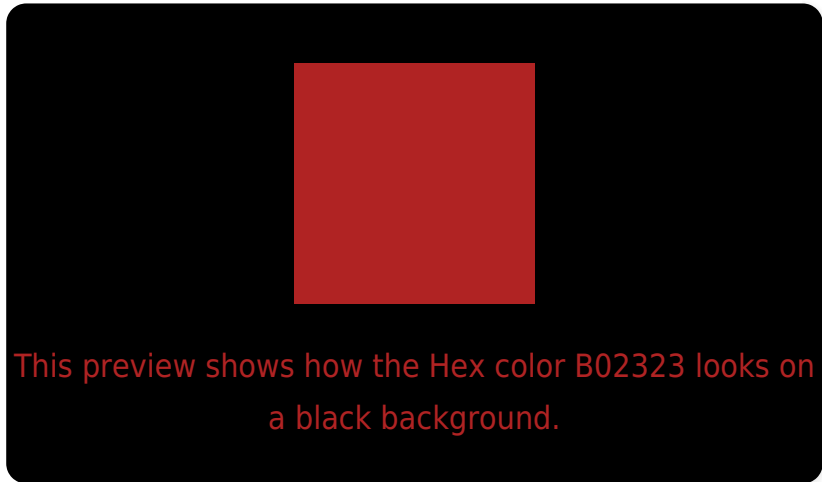
Large Text (above 18pt) WCAG AA ✓ Pass

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 B02323 Background



This preview shows how black text looks on a background with the Hex color B02323.

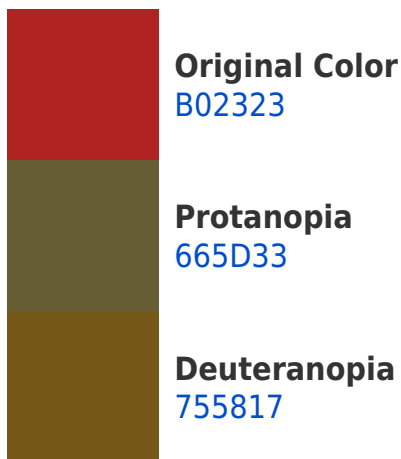


This preview shows how white text looks on a background with the Hex color B02323.

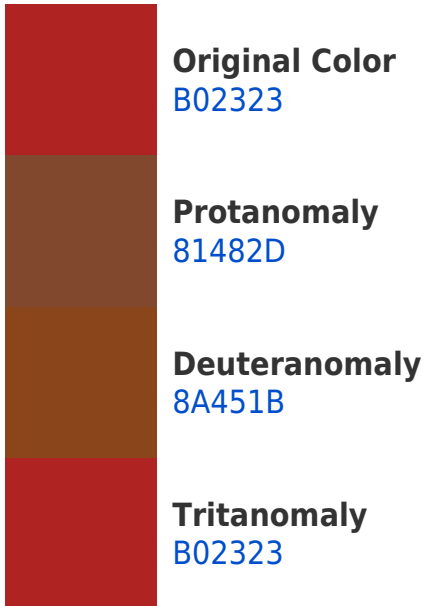
Color Blindness Simulation

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](#).

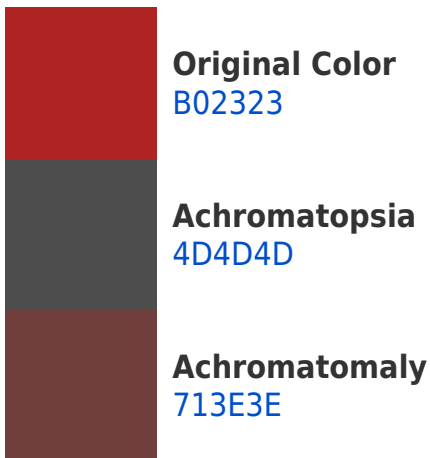
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B02323 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 #B02323 looks like.

```
.text, #text, p{  
    color:#B02323  
}
```

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 #B02323 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B02323
}
```

Border

The CSS property to change the border of an element to Hex B02323 is called "border". The border property can be set on classes, ids or directly on the HTML element.

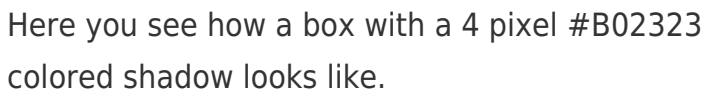
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B02323 }
```

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

```
.border{ border-color:#B02323 }
```

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



Here you see how a box with a 4 pixel #B02323 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B02323; -webkit-box-shadow:4px 4px  
4px 4px #B02323; box-shadow:4px 4px 4px  
4px #B02323 }
```

Background

The CSS property to change the background color of an element to Hex B02323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B02323 }
```

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

```
.background{ background-color:#B02323 }
```

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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