

Converting Colors

Hex(B22B23)

Have a look what the booklet for
Hex(B22B23) contains.

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Color

Hex(B22B23)

Conversions

Conversions Part 1

Format	Color
Hex	B22B23
RGB	178, 43, 35
RGB Percent	70%, 17%, 14%
CMY	0.3020, 0.8314, 0.8627
CMYK	0.00, 0.76, 0.80, 0.30
HSL	3°, 67%, 42%
HSV	3°, 80%, 70%
XYZ	19.5273, 11.3141, 2.7447
YIQ	82.4530, 83.0280, 26.1320

Conversions

Conversions Part 2

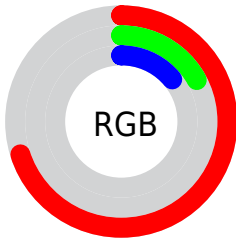
Format	Color
R _Y B	178, 43, 35
Decimal	11676451
CIE Lab	40.10, 53.20, 38.09
CIE LCh	40, 65.433, 35.600
Yxy	11.3141, 0.5814, 0.3369
Android (android.graphics.Color)	4289866531 (0xFFB22B23)
YUV	82.4530, -23.3943, 83.7947
Hunter-Lab	33.6364, 44.7630, 18.7074

Details

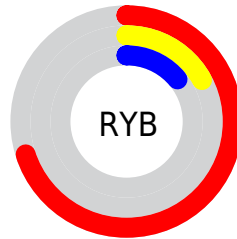
The Hex color **B22B23** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **23AAB2**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **F16351**, and **750000** is the 20% darker color. If you saturate the color by 10%, you get **B21A11**, and if you desaturate by 10%, it is **B23C35**.

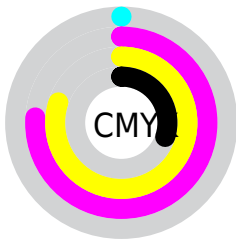
Distribution



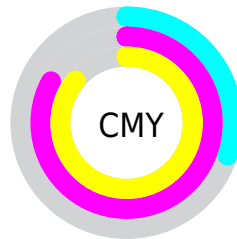
- Red (70%)
- Green (17%)
- Blue (14%)



- Red (70%)
- Yellow (17%)
- Blue (14%)



- Cyan (0%)
- Magenta (76%)
- Yellow (80%)
- Black (30%)



- Cyan (30%)
- Magenta (83%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color B22B23 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 B22B23 by changing the saturation by 10% instead.

 B22B23

 B22B23

FFFFFF

 93010D

 F16351

 750000

 FF7F69

 570000

 FF9B83

 3C0002

 FFB79D

 170000

 FFD3B8

 000000

 FFF1D4

 FFFFF0

 B22B23

 B22B23

 B21A11

 B23C35

 B20A00

 B24D47

 B25D58

 B26E6A

 B27F7C

 B2908E

 B2A1A0

 B2B1B1

 B2C2C3

Harmonies

Analogous

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



BA0B57



B22B23



954A00

Triad

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



B22B23



00722F



0063CA

Complementary

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



B22B23



23AAB2

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.



0070C1



B22B23



007567

Square

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



B22B23



2F6C00



00759C



684BB7

Rectangle

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



B22B23



7A5A00



00759C



0068CA

Sweetspot

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



B22B23



E8B3B0



B223AB



755553



F5F5F5



757575

Same Dimension

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



B22B23



E81609



B27223



595150



990900



1A0100

Inverse Universe

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



23AAB2



09DCE8



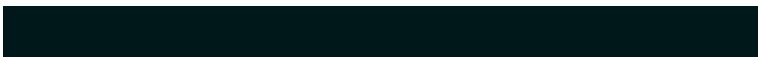
2363B2



505959



009099



00181A

Previews

White Background



This preview shows how the Hex color B22B23 looks on a white background.

Color Contrast Check

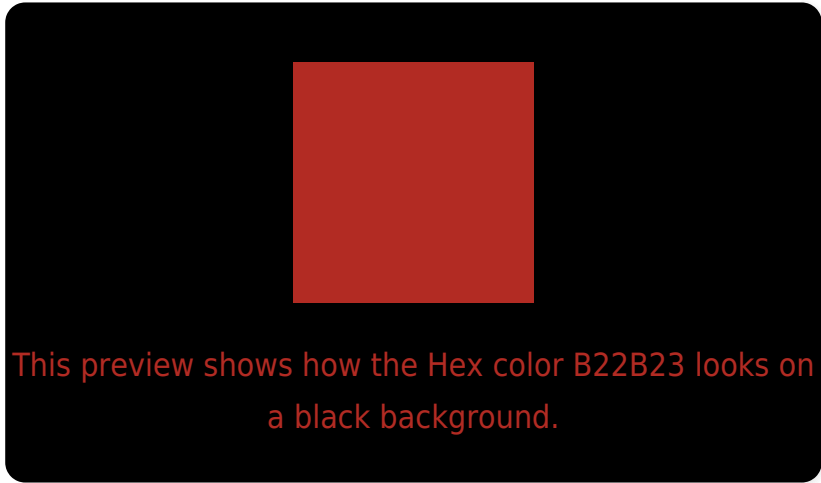
Large Text (above 18pt) WCAG AA ✓ Pass

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 B22B23 Background



This preview shows how black text looks on a background with the Hex color B22B23.

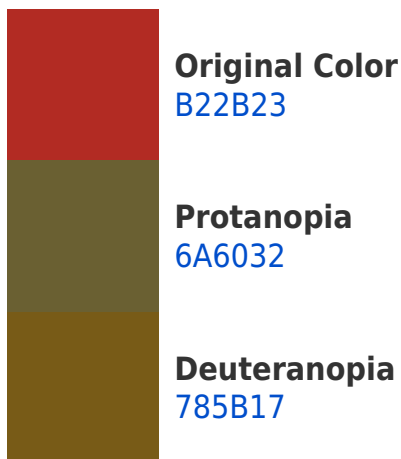


This preview shows how white text looks on a background with the Hex color B22B23.

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



Original Color
B22B23

Protanomaly
844D2D

Deuteranomaly
8D4A1B

Tritanomaly
B22A28

Monochromacy



Original Color
B22B23

Achromatopsia
525252

Achromatomaly
754441

CSS Examples

Text

The CSS property to change the color of the text to Hex B22B23 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 #B22B23 looks like.

```
.text, #text, p{  
    color:#B22B23  
}
```

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 #B22B23 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B22B23
}
```

Border

The CSS property to change the border of an element to Hex B22B23 is called "border". The border property can be set on classes, ids or directly on the HTML element.

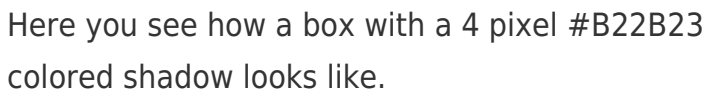
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B22B23 }
```

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

```
.border{ border-color:#B22B23 }
```

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



Here you see how a box with a 4 pixel #B22B23 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B22B23; -webkit-box-shadow:4px 4px  
4px 4px #B22B23; box-shadow:4px 4px 4px  
4px #B22B23 }
```

Background

The CSS property to change the background color of an element to Hex B22B23 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B22B23 }
```

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

```
.background{ background-color:#B22B23 }
```

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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