

Converting Colors

Hex(B22928)

Have a look what the booklet for
Hex(B22928) contains.

Hex(B22928)	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(B22928)

Conversions

Conversions Part 1

Format	Color
Hex	B22928
RGB	178, 41, 40
RGB Percent	70%, 16%, 16%
CMY	0.3020, 0.8392, 0.8431
CMYK	0.00, 0.77, 0.78, 0.30
HSL	0°, 63%, 43%
HSV	0°, 78%, 70%
XYZ	19.5360, 11.2041, 3.1404
YIQ	81.8490, 81.9730, 28.7330

Conversions

Conversions Part 2

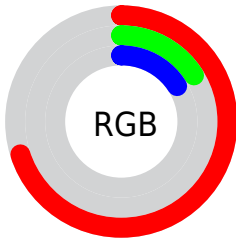
Format	Color
R_{YB}	178, 41, 40
Decimal	11675944
CIE Lab	39.92, 54.03, 35.08
CIE LCh	40, 64.424, 32.994
Yxy	11.2041, 0.5766, 0.3307
Android (android.graphics.Color)	4289866024 (0xFFB22928)
YUV	81.8490, -20.6316, 84.3244
Hunter-Lab	33.4725, 45.6039, 17.8681

Details

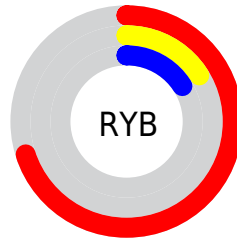
The Hex color **B22928** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **28B1B2**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **F06256**, and **750000** is the 20% darker color. If you saturate the color by 10%, you get **B21716**, and if you desaturate by 10%, it is **B23B3A**.

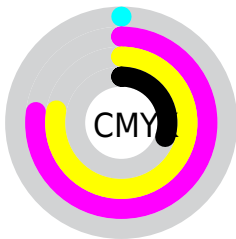
Distribution



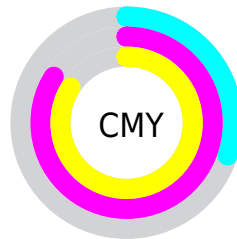
- Red (70%)
- Green (16%)
- Blue (16%)



- Red (70%)
- Yellow (16%)
- Blue (16%)



- Cyan (0%)
- Magenta (77%)
- Yellow (78%)
- Black (30%)



- Cyan (30%)
- Magenta (84%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color B22928 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 B22928 by changing the saturation by 10% instead.

 B22928

 B22928

FFFFFF

 930013

 F06256

 750000

 FF7E6E

 570000

 FF9988

 3C0003

 FFB6A2

 170000

 FFD2BE

 000000

 FFF0D9

 FFFFF6

 B22928

 B22928

 B21716

 B23B3A

 B20604

 B24C4C

 B20100

 B25E5D

 B2706F

 B28181

 B29393

 B2A5A5

 B2B6B6

 B2C8C8

Harmonies

Analogous

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



B70F5B



B22928



974800

Triad

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



B22928



00712A



0063C9

Complementary

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



B22928



28B1B2

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.



0070BC



B22928



007462

Square

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



B22928



376B00



007496



5F4DB7

Rectangle

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



B22928



7D5800



007496



0069C8

Sweetspot

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



B22928



E8B3B3



B228B2



755554



F5F5F5



757575

Same Dimension

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



B22928



E81210



B26D28



595050



990100



1A0000

Inverse Universe

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



28B1B2



10E6E8



286DB2



505959



009899



00191A

Previews

White Background



This preview shows how the Hex color B22928 looks on a white background.

Color Contrast Check

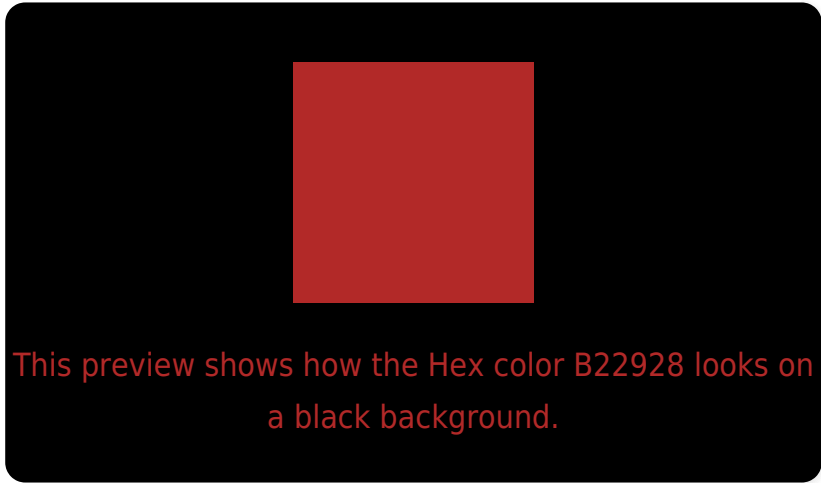
Large Text (above 18pt) WCAG AA ✓ Pass

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 B22928 Background



This preview shows how black text looks on a background with the Hex color B22928.



This preview shows how white text looks on a background with the Hex color B22928.

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
B22928

Protanopia
685F38

Deuteranopia
775A1E



Tritanopia
B2292A

Trichromacy



Original Color
B22928

Protanomaly
834B32

Deuteranomaly
8C4822

Tritanomaly
B22929

Monochromacy



Original Color
B22928

Achromatopsia
525252

Achromatomaly
754343

CSS Examples

Text

The CSS property to change the color of the text to Hex B22928 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 #B22928 looks like.

```
.text, #text, p{  
    color:#B22928  
}
```

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 #B22928 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B22928
}
```

Border

The CSS property to change the border of an element to Hex B22928 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".

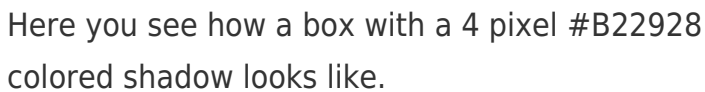
```
.border, #border, table{ border:4px solid
#B22928 }
```

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

```
.border{ border-color:#B22928 }
```

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

Here you see how a box with a 4 pixel #B22928 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B22928; -webkit-box-shadow:4px 4px  
4px 4px #B22928; box-shadow:4px 4px 4px  
4px #B22928 }
```

Background

The CSS property to change the background color of an element to Hex B22928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B22928 }
```

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

```
.background{ background-color:#B22928 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor