

# Converting Colors

Hex(B92A31)

Have a look what the booklet for  
Hex(B92A31) contains.

|  |    |
|--|----|
| <b>Hex(B92A31)</b> .....                       | 3  |
| <b><i>Conversions</i></b> .....                | 4  |
| <b><i>Details</i></b> .....                    | 6  |
| <b><i>Harmonies</i></b> .....                  | 11 |
| <b><i>Previews</i></b> .....                   | 23 |
| <b><i>Color Blindness Simulation</i></b> ..... | 26 |
| <b><i>CSS Examples</i></b> .....               | 29 |

# Color

Hex(**B92A31**)

# Conversions

## Conversions Part 1

| Format      | Color                     |
|-------------|---------------------------|
| Hex         | B92A31                    |
| RGB         | 185, 42, 49               |
| RGB Percent | 73%, 16%, 19%             |
| CMY         | 0.2745, 0.8353, 0.8078    |
| CMYK        | 0.00, 0.77, 0.74, 0.27    |
| HSL         | 357°, 63%, 45%            |
| HSV         | 357°, 77%, 73%            |
| XYZ         | 21.3899, 12.1920, 4.1316  |
| YIQ         | 85.5550, 82.9810, 32.4930 |

# Conversions

## Conversions Part 2

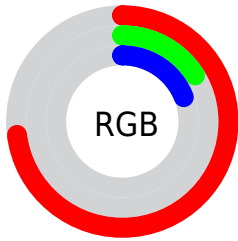
| Format                              | Color                         |
|-------------------------------------|-------------------------------|
| <a href="#">RYB</a>                 | 185, 42, 49                   |
| Decimal                             | 12134961                      |
| CIELab                              | 41.52, 56.20, 31.96           |
| CIELCh                              | 42, 64.655, 29.629            |
| Yxy                                 | 12.1920, 0.5672,<br>0.3233    |
| Android<br>(android.graphics.Color) | 4290325041<br>(0xFFB92A31)    |
| YUV                                 | 85.5550, -18.0216,<br>87.2133 |
| Hunter-Lab                          | 34.9170, 48.2432,<br>17.4263  |

# Details

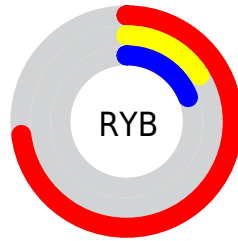
The Hex color **B92A31** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **2AB9B2**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **F8645F**, and **7C0004** is the 20% darker color. If you saturate the color by 10%, you get **B9181F**, and if you desaturate by 10%, it is **B93D43**.

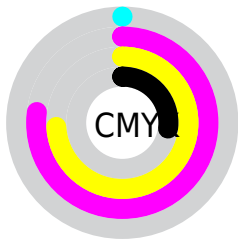
# Distribution



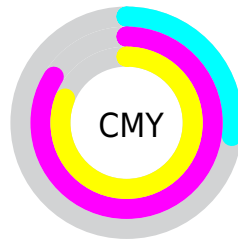
- Red (73%)
- Green (16%)
- Blue (19%)



- Red (73%)
- Yellow (16%)
- Blue (19%)



- Cyan (0%)
- Magenta (77%)
- Yellow (74%)
- Black (27%)



- Cyan (27%)
- Magenta (84%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B92A31 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 B92A31 by changing the saturation by 10% instead.



 B92A31

 B92A31

FFFFFF

 9A001C

 F8645F

 7C0004

 FF8078

 5E0000

 FF9C92

 420002

 FFB8AD

 210001

 FFD5C8

 000000

 FFF2E4

 B92A31

 B92A31

 B9181F

 B93D43

 B9050E

 B94F54

 B90009

 B96266

 B97477

 B98789

 B9999B

 B9ACAC

 B9BEBE

 B9D1CF

# Harmonies

## Analogous

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



BB1865



B92A31



A04900

# Triad

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



B92A31



007527



0069CE

# Complementary

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



B92A31



2AB9B2

# 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.



0074BE



B92A31



007860

# Square

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



B92A31



436E00



007995



5854BF

# Rectangle

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



B92A31



875900



007995



006ECC



# Sweetspot

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



B92A31



F0B9BB



B22AB9



785658



F7F7F7



787878



# Same Dimension

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



B92A31



F0111C



B96A2A



5C5353



9C0008



1C0001



# Inverse Universe

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



B92A31



F0111C



2A79B9



5C5353



9C0008



1C0001



# Previews

## White Background



This preview shows how the Hex color B92A31 looks on a white background.

## Color Contrast Check

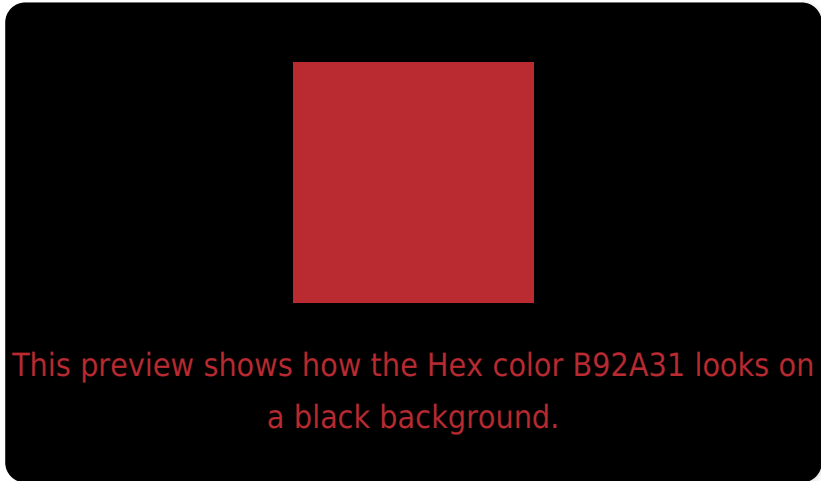
Large Text (above 18pt) WCAG AA ✓ Pass

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 B92A31 Background



This preview shows how black text looks on a background with the Hex color B92A31.

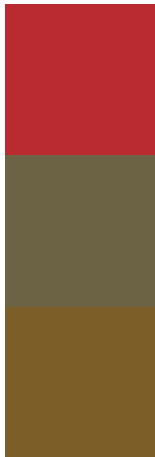


This preview shows how white text looks on a background with the Hex color B92A31.

# 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**  
B92A31

**Protanopia**  
6B6344

**Deuteranopia**  
7B5E28



**Tritanopia**  
B92B2C

# Trichromacy



**Original Color**  
B92A31

**Protanomaly**  
874E3D

**Deuteranomaly**  
924B2B

**Tritanomaly**  
B92B2E

# Monochromacy



**Original Color**  
B92A31

**Achromatopsia**  
565656

**Achromatomaly**  
7A4649

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B92A31 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 #B92A31 looks like.

```
.text, #text, p{  
    color:#B92A31  
}
```

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 #B92A31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B92A31
}
```

## Border

The CSS property to change the border of an element to Hex B92A31 is called "border". The border property can be set on classes, ids or directly on the HTML element.

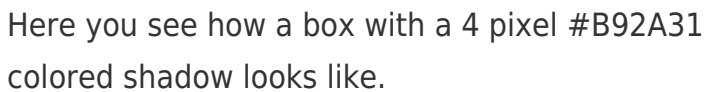
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B92A31 }
```

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

```
.border{ border-color:#B92A31 }
```

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



Here you see how a box with a 4 pixel #B92A31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B92A31; -webkit-box-shadow:4px 4px  
4px 4px #B92A31; box-shadow:4px 4px 4px  
4px #B92A31 }
```

# Background

The CSS property to change the background color of an element to Hex B92A31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B92A31 }
```

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

```
.background{ background-color:#B92A31 }
```

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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