

Converting Colors

Hex(B91B1B)

Have a look what the booklet for
Hex(B91B1B) contains.

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Color

Hex(B91B1B)

Conversions

Conversions Part 1

Format	Color
Hex	B91B1B
RGB	185, 27, 27
RGB Percent	73%, 11%, 11%
CMY	0.2745, 0.8941, 0.8941
CMYK	0.00, 0.85, 0.85, 0.27
HSL	0°, 75%, 42%
HSV	0°, 85%, 73%
XYZ	20.5973, 11.1773, 2.1087
YIQ	74.2420, 94.1680, 33.4960

Conversions

Conversions Part 2

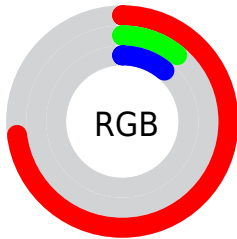
Format	Color
RYB	185, 27, 27
Decimal	12131099
CIELab	39.88, 59.48, 42.63
CIELCh	40, 73.176, 35.632
Yxy	11.1773, 0.6079, 0.3299
Android (android.graphics.Color)	4290321179 (0xFFB91B1B)
YUV	74.2420, -23.2903, 97.1348
Hunter-Lab	33.4324, 51.4650, 19.6630

Details

The Hex color **B91B1B** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **1BB9B9**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **F95A49**, and **7B0000** is the 20% darker color. If you saturate the color by 10%, you get **B90808**, and if you desaturate by 10%, it is **B92E2E**.

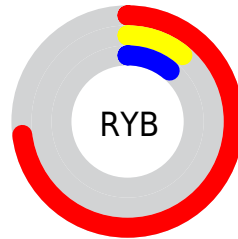
Distribution



Red (73%)

Green (11%)

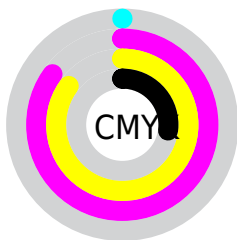
Blue (11%)



Red (73%)

Yellow (11%)

Blue (11%)

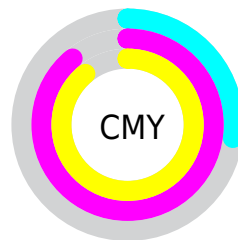


Cyan (0%)

Magenta (85%)

Yellow (85%)

Black (27%)



Cyan (27%)

Magenta (89%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color B91B1B 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 B91B1B by changing the saturation by 10% instead.

 B91B1B

 B91B1B

FFFFFF

 9A0004

 F95A49

 7B0000

 FF7761

 5C0000

 FF937A

 400003

 FFAF94

 1D0001

 FFCCAF

 000000

 FFEACB

 FFFFE7

 B91B1B

 B91B1B

 B90808

 B92E2E

 B90000

 B94040

 B95252

 B96565

 B97878

 B98A8A

 B99D9D

 B9AFAF

 B9C2C2

Harmonies

Analogous

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



C20056



B91B1B



994700

Triad

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



B91B1B



007328



0063D7

Complementary

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



B91B1B



1BB9B9

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.



0071CC



B91B1B



007668

Square

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



B91B1B



236D00



0076A3



6647C1

Rectangle

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



B91B1B



7B5900



0076A3



0069D7

Sweetspot

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



B91B1B



F0B1B1



B91BB9



785353



F7F7F7



787878

Same Dimension

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



B91B1B



F00000



B96A1B



5C5353



9C0000



1C0000

Inverse Universe

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



1BB9B9



00F0F0



1B6AB9



535C5C



009C9C



001C1C

Previews

White Background



This preview shows how the Hex color B91B1B looks on a white background.

Color Contrast Check

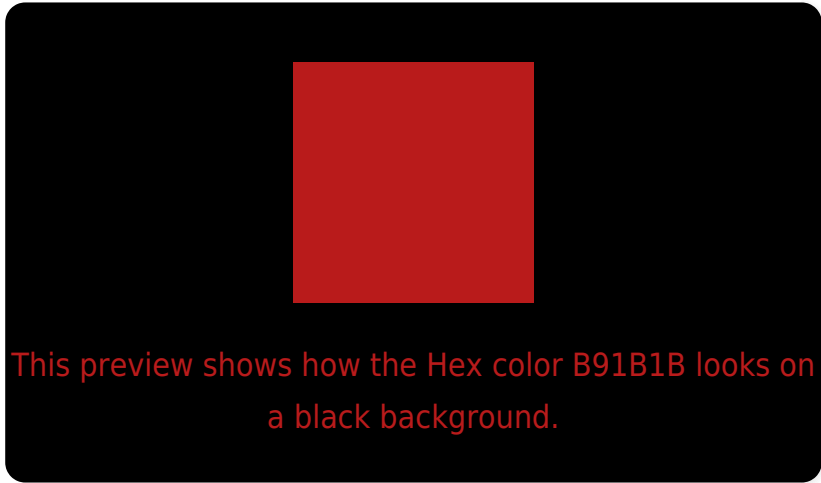
Large Text (above 18pt) WCAG AA ✓ Pass

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 B91B1B Background



This preview shows how black text looks on a background with the Hex color B91B1B.



This preview shows how white text looks on a background with the Hex color B91B1B.

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
B91B1B

Protanopia
6A602B

Deuteranopia
795B00



Tritanopia
B91B19

Trichromacy



Original Color
B91B1B

Protanomaly
874725

Deuteranomaly
90440A

Tritanomaly
B91B1A

Monochromacy



Original Color
B91B1B

Achromatopsia
4A4A4A

Achromatomaly
723939

CSS Examples

Text

The CSS property to change the color of the text to Hex B91B1B 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 #B91B1B looks like.

```
.text, #text, p{  
    color:#B91B1B  
}
```

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 #B91B1B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B91B1B
}
```

Border

The CSS property to change the border of an element to Hex B91B1B 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".

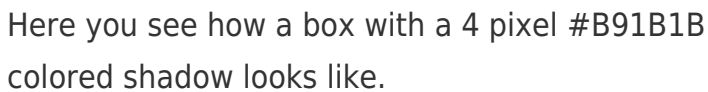
```
.border, #border, table{ border:4px solid
#B91B1B }
```

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

```
.border{ border-color:#B91B1B }
```

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

Here you see how a box with a 4 pixel #B91B1B colored shadow looks like.

A rectangular box with a thick red border and a red shadow. The shadow is cast to the right and bottom of the box, matching the border color.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B91B1B; -webkit-box-shadow:4px 4px  
4px 4px #B91B1B; box-shadow:4px 4px 4px  
4px #B91B1B }
```

Background

The CSS property to change the background color of an element to Hex B91B1B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B91B1B }
```

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

```
.background{ background-color:#B91B1B }
```

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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