

# Converting Colors

Hex(B51A1A)

Have a look what the booklet for  
Hex(B51A1A) contains.

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# Color

**Hex(B51A1A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B51A1A
RGB	181, 26, 26
RGB Percent	71%, 10%, 10%
CMY	0.2902, 0.8980, 0.8980
CMYK	0.00, 0.86, 0.86, 0.29
HSL	0°, 75%, 41%
HSV	0°, 86%, 71%
XYZ	19.6119, 10.6371, 1.9968
YIQ	72.3450, 92.3800, 32.8600

# Conversions

## Conversions Part 2

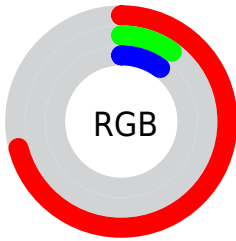
Format	Color
<a href="#">RYB</a>	<a href="#">181, 26, 26</a>
Decimal	<a href="#">11868698</a>
CIELab	<a href="#">38.96, 58.55, 42.02</a>
CIELCh	<a href="#">39, 72.070, 35.666</a>
Yxy	<a href="#">10.6371, 0.6082, 0.3299</a>
Android (android.graphics.Color)	<a href="#">4290058778</a> ( <a href="#">0xFFB51A1A</a> )
YUV	<a href="#">72.3450, -22.8481, 95.2904</a>
Hunter-Lab	<a href="#">32.6146, 50.2605, 19.2003</a>

# Details

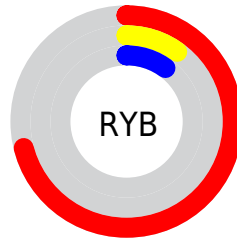
The Hex color **B51A1A** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **1AB5B5**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **F55948**, and **770000** is the 20% darker color. If you saturate the color by 10%, you get **B50808**, and if you desaturate by 10%, it is **B52C2C**.

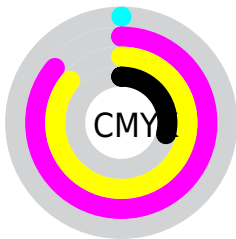
# Distribution



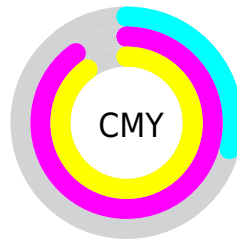
- Red (71%)
- Green (10%)
- Blue (10%)



- Red (71%)
- Yellow (10%)
- Blue (10%)



- Cyan (0%)
- Magenta (86%)
- Yellow (86%)
- Black (29%)



- Cyan (29%)
- Magenta (90%)
- Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B51A1A 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 B51A1A by changing the saturation by 10% instead.



 B51A1A

 B51A1A

FFFFFF

 960003

 F55948

 770000

 FF7560

 580000

 FF9179

 3C0003

 FFAE93

 170000

 FFCBAE

 000000

 FFE8C9

 FFFFE5

 B51A1A

 B51A1A

 B50808

 B52C2C

 B50000

 B53E3E

 B55050

 B56262

 B57575

 B58787

 B59999

 B5ABAB

 B5BDBD

# Harmonies

## Analogous

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



BE0054



B51A1A



964500

# Triad

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



B51A1A



007127



0061D3

# Complementary

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



B51A1A



1AB5B5

# 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.



006EC8



B51A1A



007366

# Square

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



B51A1A



226A00



00739F



6445BD

# Rectangle

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



B51A1A



785700



00739F



0067D3



# Sweetspot

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



B51A1A



EBAEAE



B51AB5



755151



F5F5F5



757575



# Same Dimension

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



B51A1A



EB0000



B5671A



595050



990000



1A0000



# Inverse Universe

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



1AB5B5



00EBEB



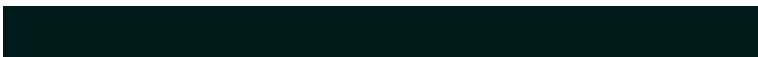
1A67B5



505959



009999



001A1A



# Previews

## White Background



This preview shows how the Hex color B51A1A looks on a white background.

## Color Contrast Check

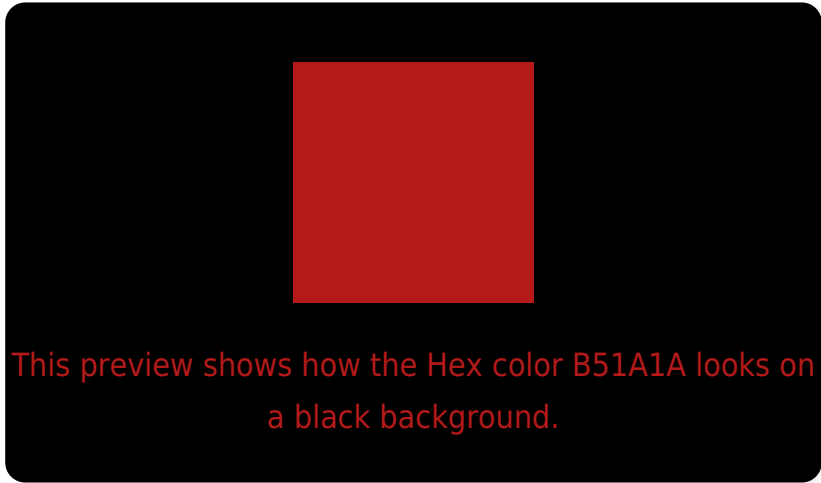
Large Text (above 18pt) WCAG AA ✓ Pass

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 B51A1A Background



This preview shows how black text looks on a background with the Hex color B51A1A.



This preview shows how white text looks on a background with the Hex color B51A1A.

# 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





**Tritanopia**  
B51A18

# Trichromacy



**Original Color**  
B51A1A

**Protanomaly**  
844524

**Deuteranomaly**  
8D4109

**Tritanomaly**  
B51A19

# Monochromacy



**Original Color**  
B51A1A

**Achromatopsia**  
484848

**Achromatomaly**  
703737

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B51A1A 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 #B51A1A looks like.

```
.text, #text, p{  
    color:#B51A1A  
}
```

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 #B51A1A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B51A1A
}
```

## Border

The CSS property to change the border of an element to Hex B51A1A 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
#B51A1A }
```

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

```
.border{ border-color:#B51A1A }
```

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

Here you see how a box with a 4 pixel #B51A1A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B51A1A; -webkit-box-shadow:4px 4px  
4px 4px #B51A1A; box-shadow:4px 4px 4px  
4px #B51A1A }
```

# Background

The CSS property to change the background color of an element to Hex B51A1A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B51A1A }
```

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

```
.background{ background-color:#B51A1A }
```

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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