

Converting Colors

Hex(B5151A)

Have a look what the booklet for
Hex(B5151A) contains.

Hex(B5151A)	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(B5151A)

Conversions

Conversions Part 1

Format	Color
Hex	B5151A
RGB	181, 21, 26
RGB Percent	71%, 8%, 10%
CMY	0.2902, 0.9176, 0.8980
CMYK	0.00, 0.88, 0.86, 0.29
HSL	358°, 79%, 40%
HSV	358°, 88%, 71%
XYZ	19.5107, 10.4347, 1.9630
YIQ	69.4100, 93.7550, 35.4750

Conversions

Conversions Part 2

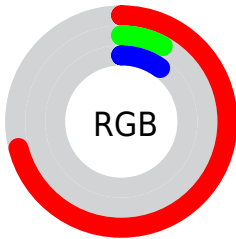
Format	Color
R_{YB}	181, 21, 26
Decimal	11867418
CIE _{Lab}	38.61, 59.56, 41.71
CIE _{LCh}	39, 72.711, 35.009
Yxy	10.4347, 0.6115, 0.3270
Android (android.graphics.Color)	4290057498 (0xFFB5151A)
YUV	69.4100, -21.4011, 97.8644
Hunter-Lab	32.3027, 51.2832, 19.0088

Details

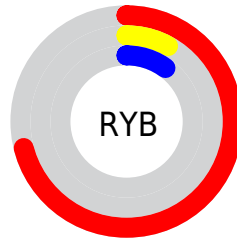
The Hex color **B5151A** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **15B5B0**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **F55747**, and **770000** is the 20% darker color. If you saturate the color by 10%, you get **B50308**, and if you desaturate by 10%, it is **B5272C**.

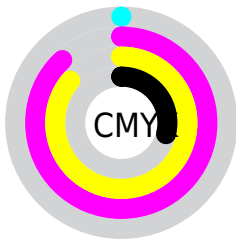
Distribution



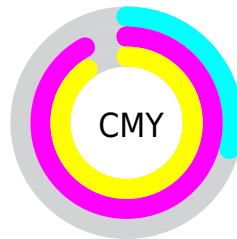
- Red (71%)
- Green (8%)
- Blue (10%)



- Red (71%)
- Yellow (8%)
- Blue (10%)



- Cyan (0%)
- Magenta (88%)
- Yellow (86%)
- Black (29%)



- Cyan (29%)
- Magenta (92%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color B5151A 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 B5151A by changing the saturation by 10% instead.

 B5151A

 B5151A

FFFFFF

 960003

 F55747

 770000

 FF7360

 580000

 FF8F79

 3C0003

 FFAC93

 160000

 FFC9AD

 000000

 FFE6C9

 FFFFE5

 B5151A

 B5151A

 B50308

 B5272C

 B50006

 B5393D

 B54B4F

 B55D60

 B57072

 B58283

 B59495

 B5A6A6

 B5B8B8

Harmonies

Analogous

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



BE0054



B5151A



964300

Triad

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



B5151A



007024



0060D3

Complementary

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



B5151A



15B5B0

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.



006EC7



B5151A



007264

Square

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



B5151A



226900



00729E



6045BD

Rectangle

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



B5151A



785500



00729E



0066D3

Sweetspot

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



B5151A



EBABAD



B015B5



755051



F5F5F5



757575

Same Dimension

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



B5151A



EB0007



B56015



595051



990005



1A0001

Inverse Universe

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



B5151A



EB0007



156AB5



595051



990005



1A0001

Previews

White Background



This preview shows how the Hex color B5151A looks on a white background.

Color Contrast Check

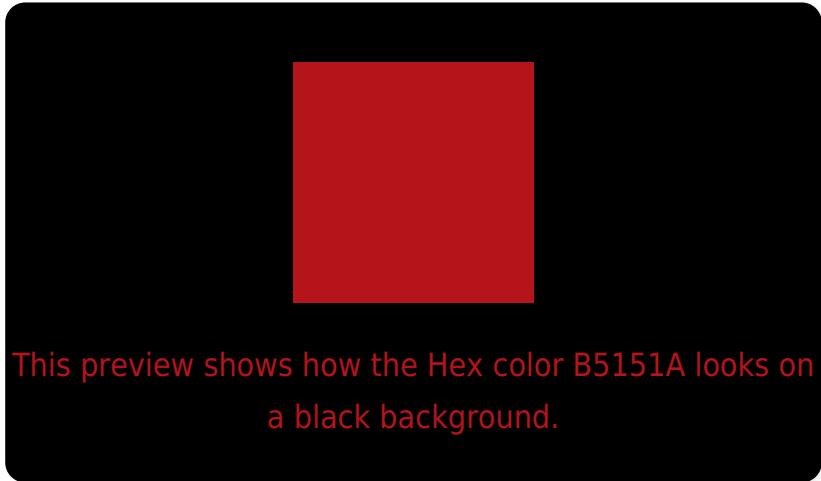
Large Text (above 18pt) WCAG AA ✓ Pass

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 B5151A Background



This preview shows how black text looks on a background with the Hex color B5151A.



This preview shows how white text looks on a background with the Hex color B5151A.

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

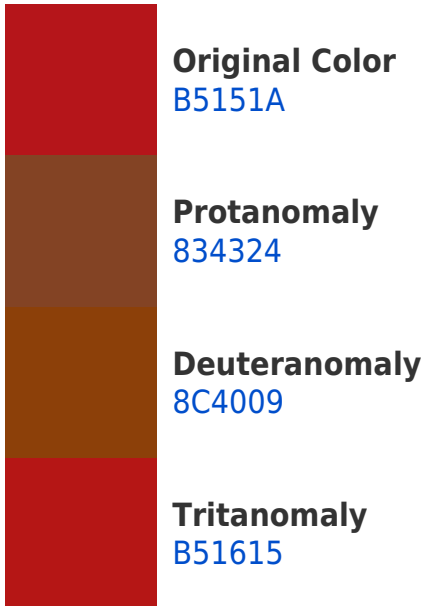


Original Color
B5151A

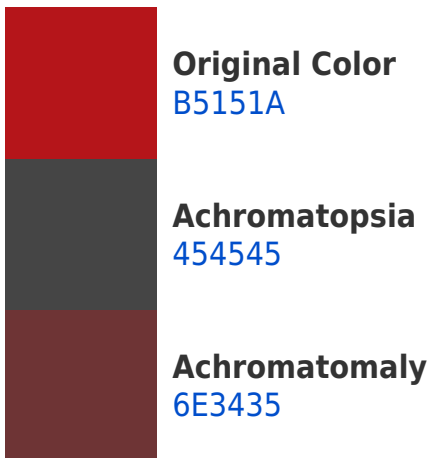
Protanopia
675D2A

Deuteranopia
755800

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B5151A 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 #B5151A looks like.

```
.text, #text, p{  
    color:#B5151A  
}
```

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 #B5151A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5151A
}
```

Border

The CSS property to change the border of an element to Hex B5151A is called "border". The border property can be set on classes, ids or directly on the HTML element.

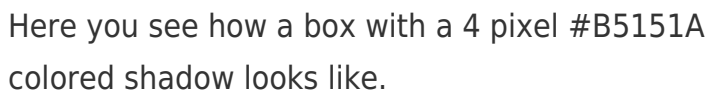
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B5151A }
```

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

```
.border{ border-color:#B5151A }
```

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



Here you see how a box with a 4 pixel #B5151A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5151A; -webkit-box-shadow:4px 4px  
4px 4px #B5151A; box-shadow:4px 4px 4px  
4px #B5151A }
```

Background

The CSS property to change the background color of an element to Hex B5151A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5151A }
```

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

```
.background{ background-color:#B5151A }
```

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