

Converting Colors

Hex(B51D1D)

Have a look what the booklet for
Hex(B51D1D) contains.

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Color

Hex(B51D1D)

Conversions

Conversions Part 1

Format	Color
Hex	B51D1D
RGB	181, 29, 29
RGB Percent	71%, 11%, 11%
CMY	0.2902, 0.8863, 0.8863
CMYK	0.00, 0.84, 0.84, 0.29
HSL	0°, 72%, 41%
HSV	0°, 84%, 71%
XYZ	19.7172, 10.7912, 2.2061
YIQ	74.4480, 90.5920, 32.2240

Conversions

Conversions Part 2

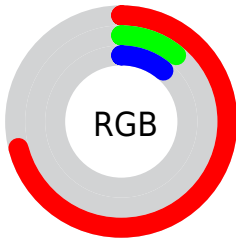
Format	Color
RYB	181, 29, 29
Decimal	11869469
CIELab	39.23, 57.94, 40.69
CIElCh	39, 70.804, 35.082
Yxy	10.7912, 0.6027, 0.3299
Android (android.graphics.Color)	4290059549 (0xFFB51D1D)
YUV	74.4480, -22.4059, 93.4461
Hunter-Lab	32.8500, 49.6518, 19.0132

Details

The Hex color **B51D1D** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **1DB5B5**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **F45B4B**, and **770000** is the 20% darker color. If you saturate the color by 10%, you get **B50B0B**, and if you desaturate by 10%, it is **B52F2F**.

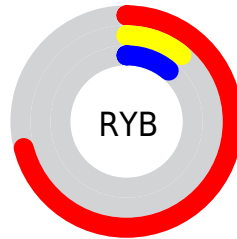
Distribution



Red (71%)

Green (11%)

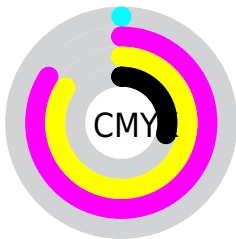
Blue (11%)



Red (71%)

Yellow (11%)

Blue (11%)

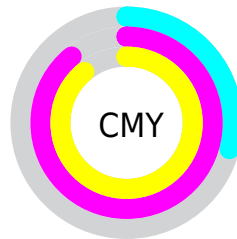


Cyan (0%)

Magenta (84%)

Yellow (84%)

Black (29%)



Cyan (29%)

Magenta (89%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color B51D1D 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 B51D1D by changing the saturation by 10% instead.

 B51D1D

 B51D1D

FFFFFF

 960006

 F45B4B

 770000

 FF7763

 580000

 FF937C

 3D0003

 FFAF96

 180001

 FFCCB1

 000000

 FFE9CD

 FFFF E9

 B51D1D

 B51D1D

 B50B0B

 B52F2F

 B50000

 B54141

 B55353

 B56565

 B57777

 B58A8A

 B59C9C

 B5AEAE

 B5C0C0

Harmonies

Analogous

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



BD0055



B51D1D



964600

Triad

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



B51D1D



007127



0061D1

Complementary

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



B51D1D



1DB5B5

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.



006FC6



B51D1D



007465

Square

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



B51D1D



276B00



00749E



6347BC

Rectangle

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



B51D1D



795700



00749E



0067D1

Sweetspot

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



B51D1D



EBB0B0



B51DB5



755252



F5F5F5



757575

Same Dimension

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



B51D1D



EB0000



B5691D



595050



990000



1A0000

Inverse Universe

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



1DB5B5



00EBEB



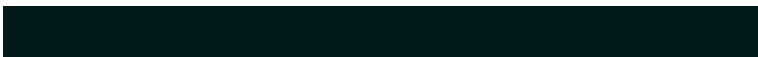
1D69B5



505959



009999



001A1A

Previews

White Background



This preview shows how the Hex color B51D1D looks on a white background.

Color Contrast Check

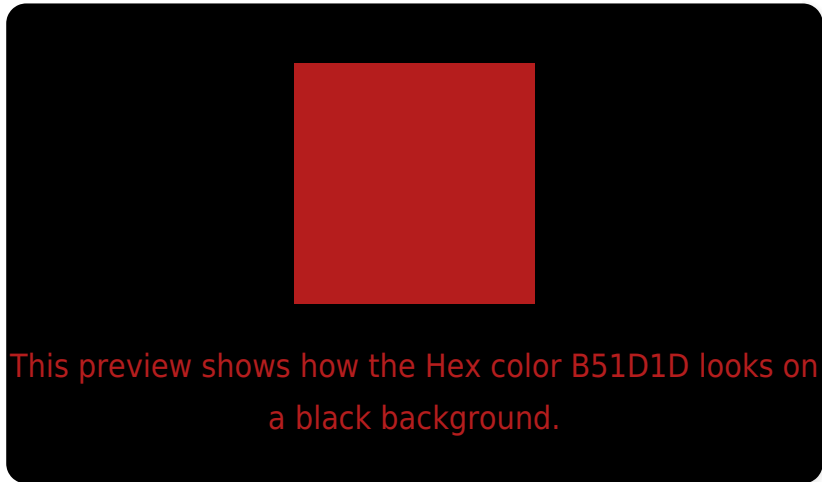
Large Text (above 18pt) WCAG AA ✓ Pass

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 B51D1D Background



This preview shows how black text looks on a background with the Hex color B51D1D.



This preview shows how white text looks on a background with the Hex color B51D1D.

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
B51D1D

Protanopia
685E2D

Deuteranopia
775907



Trichromacy



Original Color
B51D1D

Protanomaly
844627

Deuteranomaly
8E430F

Tritanomaly
B51D1C

Monochromacy



Original Color
B51D1D

Achromatopsia
4A4A4A

Achromatomaly
713A3A

CSS Examples

Text

The CSS property to change the color of the text to Hex B51D1D 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 #B51D1D looks like.

```
.text, #text, p{  
    color:#B51D1D  
}
```

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 #B51D1D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B51D1D
}
```

Border

The CSS property to change the border of an element to Hex B51D1D 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".

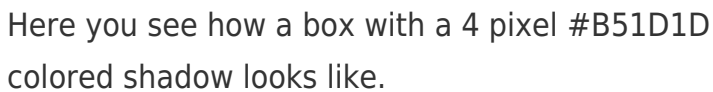
```
.border, #border, table{ border:4px solid
#B51D1D }
```

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

```
.border{ border-color:#B51D1D }
```

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

Here you see how a box with a 4 pixel #B51D1D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B51D1D; -webkit-box-shadow:4px 4px  
4px 4px #B51D1D; box-shadow:4px 4px 4px  
4px #B51D1D }
```

Background

The CSS property to change the background color of an element to Hex B51D1D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B51D1D }
```

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

```
.background{ background-color:#B51D1D }
```

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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