

Converting Colors

Hex(B51E1D)

Have a look what the booklet for
Hex(B51E1D) contains.

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Color

Hex(**B51E1D**)

Conversions

Conversions Part 1

Format	Color
Hex	B51E1D
RGB	181, 30, 29
RGB Percent	71%, 12%, 11%
CMY	0.2902, 0.8824, 0.8863
CMYK	0.00, 0.83, 0.84, 0.29
HSL	0°, 72%, 41%
HSV	0°, 84%, 71%
XYZ	19.7421, 10.8410, 2.2144
YIQ	75.0350, 90.3170, 31.7010

Conversions

Conversions Part 2

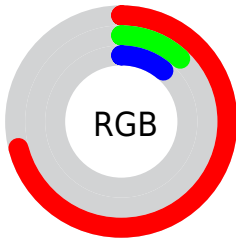
Format	Color
RYB	181, 30, 29
Decimal	11869725
CIELab	39.31, 57.70, 40.77
CIElCh	39, 70.652, 35.246
Yxy	10.8410, 0.6019, 0.3305
Android (android.graphics.Color)	4290059805 (0xFFB51E1D)
YUV	75.0350, -22.6953, 92.9313
Hunter-Lab	32.9257, 49.4079, 19.0605

Details

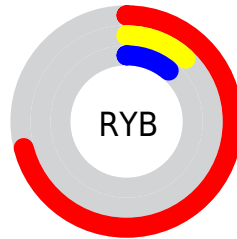
The Hex color **B51E1D** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **1DB4B5**, and the grayscale version is **4B4B4B**.

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 **B50C0B**, and if you desaturate by 10%, it is **B5302F**.

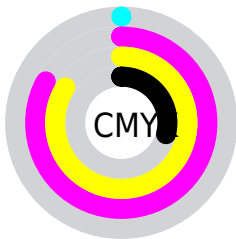
Distribution



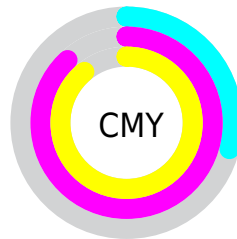
- Red (71%)
- Green (12%)
- Blue (11%)



- Red (71%)
- Yellow (12%)
- Blue (11%)



- Cyan (0%)
- Magenta (83%)
- Yellow (84%)
- Black (29%)



- Cyan (29%)
- Magenta (88%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color B51E1D 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 B51E1D by changing the saturation by 10% instead.

 B51E1D

 B51E1D

FFFFFF

 960006

 F45B4B

 770000

 FF7763

 580000

 FF937C

 3D0003

 FFB096

 180001

 FFCDB1

 000000

 FFEACD

 FFFF E9

 B51E1D

 B51E1D

 B50C0B

 B5302F

 B50100

 B54241

 B55453

 B56665

 B57877

 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



B51E1D



964600

Triad

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



B51E1D



007128



0062D1

Complementary

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



B51E1D



1DB4B5

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



B51E1D



007466

Square

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



B51E1D



276B00



00749E



6447BC

Rectangle

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



B51E1D



795700



00749E



0067D1

Sweetspot

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



B51E1D



EBB0B0



B51DB5



755252



F5F5F5



757575

Same Dimension

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



B51E1D



EB0200



B5691D



595050



990100



1A0000

Inverse Universe

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



1DB4B5



00E9EB



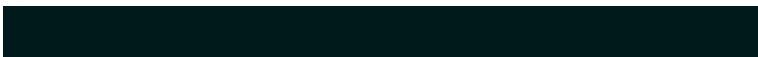
1D69B5



505959



009899



00191A

Previews

White Background



This preview shows how the Hex color B51E1D looks on a white background.

Color Contrast Check

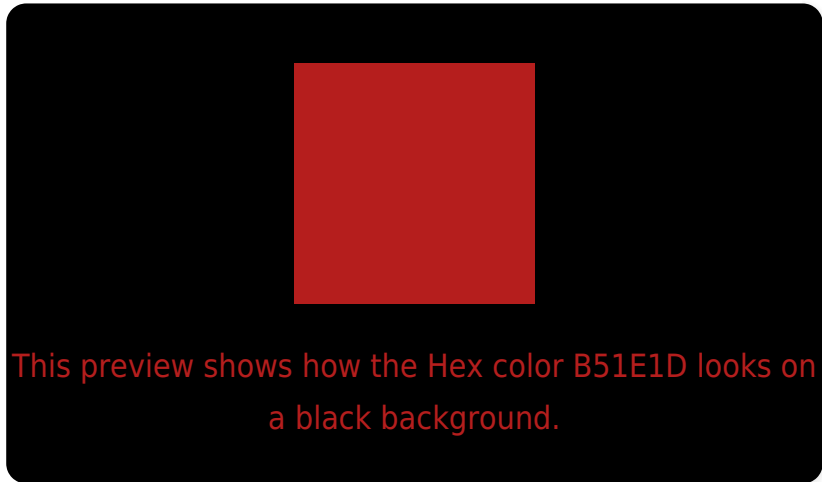
Large Text (above 18pt) WCAG AA ✓ Pass

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 B51E1D Background



This preview shows how black text looks on a background with the Hex color B51E1D.



This preview shows how white text looks on a background with the Hex color B51E1D.

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
B51E1D

Protanopia
685E2D

Deuteranopia
775907



Trichromacy



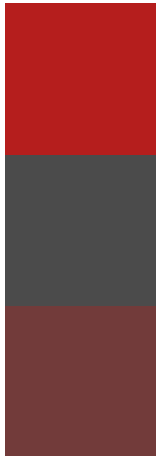
Original Color
B51E1D

Protanomaly
844727

Deuteranomaly
8E440F

Tritanomaly
B51E1D

Monochromacy



Original Color
B51E1D

Achromatopsia
4B4B4B

Achromatomaly
723B3A

CSS Examples

Text

The CSS property to change the color of the text to Hex B51E1D 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 #B51E1D looks like.

```
.text, #text, p{  
    color:#B51E1D  
}
```

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 #B51E1D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B51E1D
}
```

Border

The CSS property to change the border of an element to Hex B51E1D is called "border". The border property can be set on classes, ids or directly on the HTML element.

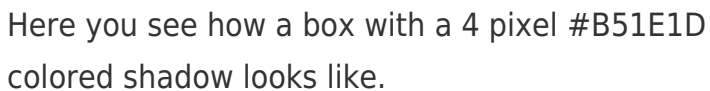
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B51E1D }
```

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

```
.border{ border-color:#B51E1D }
```

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



Here you see how a box with a 4 pixel #B51E1D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B51E1D; -webkit-box-shadow:4px 4px  
4px 4px #B51E1D; box-shadow:4px 4px 4px  
4px #B51E1D }
```

Background

The CSS property to change the background color of an element to Hex B51E1D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B51E1D }
```

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

```
.background{ background-color:#B51E1D }
```

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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