

Converting Colors

Hex(B51400)

Have a look what the booklet for
Hex(B51400) contains.

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Color

Hex(B51400)

Conversions

Conversions Part 1

Format	Color
Hex	B51400
RGB	181, 20, 0
RGB Percent	71%, 8%, 0%
CMY	0.2902, 0.9216, 1.0000
CMYK	0.00, 0.89, 1.00, 0.29
HSL	7°, 100%, 35%
HSV	7°, 100%, 71%
XYZ	19.3062, 10.3241, 0.9752
YIQ	65.8590, 102.3760, 27.9120

Conversions

Conversions Part 2

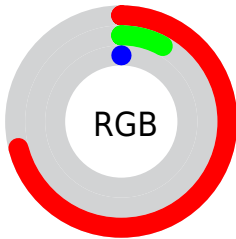
Format	Color
RYB	181, 22, 0
Decimal	11867136
CIELab	38.42, 59.36, 52.29
CIELCh	38, 79.103, 41.378
Yxy	10.3241, 0.6308, 0.3373
Android (android.graphics.Color)	4290057216 (0xFFB51400)
YUV	65.8590, -32.4685, 100.9787
Hunter-Lab	32.1311, 51.0237, 20.6923

Details

The Hex color **B51400** is a dark color, and the websafe version is hex **CC3300**. A complement of this color would be **00A1B5**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **F65633**, and **760000** is the 20% darker color. If you saturate the color by 10%, you get **B51400**, and if you desaturate by 10%, it is **B52412**.

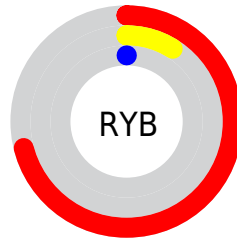
Distribution



Red (71%)

Green (8%)

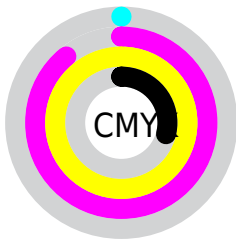
Blue (0%)



Red (71%)

Yellow (9%)

Blue (0%)

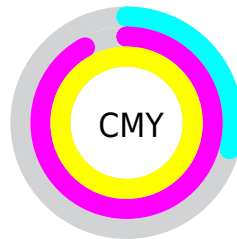


Cyan (0%)

Magenta (89%)

Yellow (100%)

Black (29%)



Cyan (29%)

Magenta (92%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color B51400 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 B51400 by changing the saturation by 10% instead.

 B51400

 B51400

 FFFFEC

 950000

 F65633

 760000

 FF724B

 570000

 FF8E64

 3B0003

 FFAB7E

 150000

 FFC898

 000000

 FFE5B3

 FFFFCE

 B51400

 B52412

 B53424

 B54436

 B55448

 B5655B

 B5756D

 B5857F

 B59591

 B5A5A3

Harmonies

Analogous

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



C50046



B51400



8F4800

Triad

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



B51400



00712E



005CDB

Complementary

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



B51400



00A1B5

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.



006DD6



B51400



007372

Square

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



B51400



006C00



0073AF



7538BD

Rectangle

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



B51400



6D5900



0073AF



0063DE

Sweetspot

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



B51400



EBACA4



B500A3



75504B



F5F5F5



757575

Same Dimension

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



B51400



EB1A00



B56D00



595150



991100



1A0300

Inverse Universe

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



00A1B5



00D1EB



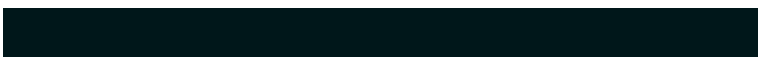
0048B5



505859



008899



00171A

Previews

White Background



This preview shows how the Hex color B51400 looks on a white background.

Color Contrast Check

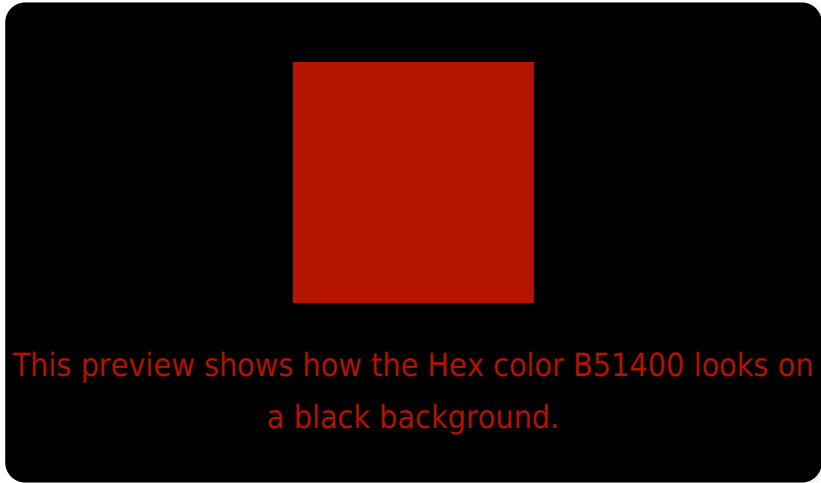
Large Text (above 18pt) WCAG AA ✓ Pass

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 B51400 Background



This preview shows how black text looks on a background with the Hex color B51400.



This preview shows how white text looks on a background with the Hex color B51400.

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
B51400

Protanopia
685D17

Deuteranopia
745800



Tritanopia
B5130D

Trichromacy



Original Color
B51400

Protanomaly
84420F

Deuteranomaly
8C3F00

Tritanomaly
B51308

Monochromacy



Original Color
B51400

Achromatopsia
424242

Achromatomaly
6C312A

CSS Examples

Text

The CSS property to change the color of the text to Hex B51400 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 #B51400 looks like.

```
.text, #text, p{  
    color:#B51400  
}
```

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 #B51400 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B51400  
}
```

Border

The CSS property to change the border of an element to Hex B51400 is called "border". The border property can be set on classes, ids or directly on the HTML element.

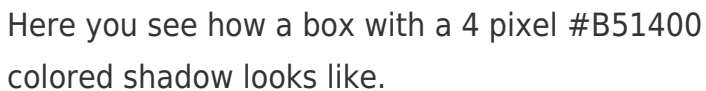
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#B51400 }
```

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

```
.border{ border-color:#B51400 }
```

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



Here you see how a box with a 4 pixel #B51400 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B51400; -webkit-box-shadow:4px 4px  
4px 4px #B51400; box-shadow:4px 4px 4px  
4px #B51400 }
```

Background

The CSS property to change the background color of an element to Hex B51400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B51400 }
```

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

```
.background{ background-color:#B51400 }
```

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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