

# Converting Colors

Hex(B8351D)

Have a look what the booklet for  
Hex(B8351D) contains.

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# Color

Hex(**B8351D**)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B8351D
RGB	184, 53, 29
RGB Percent	72%, 21%, 11%
CMY	0.2784, 0.7922, 0.8863
CMYK	0.00, 0.71, 0.84, 0.28
HSL	9°, 73%, 42%
HSV	9°, 84%, 72%
XYZ	21.2620, 12.8253, 2.5173
YIQ	89.4330, 85.7800, 20.3080

# Conversions

## Conversions Part 2

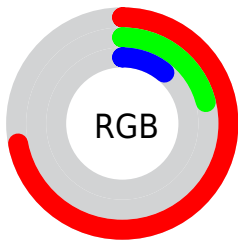
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">184, 57, 29</a>
Decimal	<a href="#">12072221</a>
CIELab	<a href="#">42.50, 51.37, 43.88</a>
CIELCh	<a href="#">42, 67.565, 40.505</a>
Yxy	<a href="#">12.8253, 0.5809, 0.3504</a>
Android (android.graphics.Color)	<a href="#">4290262301 (0xFFB8351D)</a>
YUV	<a href="#">89.4330, -29.7935, 82.9353</a>
Hunter-Lab	<a href="#">35.8124, 43.3050, 20.9011</a>

# Details

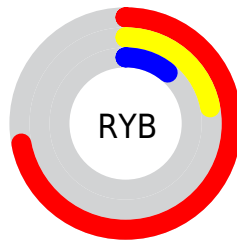
The Hex color **B8351D** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **1DA0B8**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **F76C4C**, and **7B0000** is the 20% darker color. If you saturate the color by 10%, you get **B8250B**, and if you desaturate by 10%, it is **B8452F**.

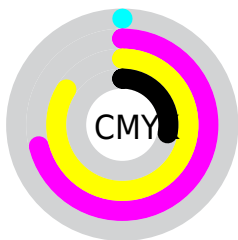
# Distribution



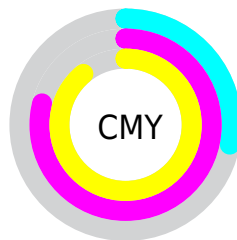
- Red (72%)
- Green (21%)
- Blue (11%)



- Red (72%)
- Yellow (22%)
- Blue (11%)



- Cyan (0%)
- Magenta (71%)
- Yellow (84%)
- Black (28%)



- Cyan (28%)
- Magenta (79%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B8351D 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 B8351D by changing the saturation by 10% instead.



 B8351D

 B8351D

FFFFFF

 991505

 F76C4C

 7B0000

 FF8764

 5C0000

 FFA37E

 400001

 FFBF98

 210001

 FFDCB3

 000000

 FFF9CF

 FFFFEB

 B8351D

 B8351D

 B8250B

 B8452F

 B81C00

 B85442

 B86454

 B87367

 B88379

 B8928B

 B8A29E

 B8B1B0

 B8C1C3

# Harmonies

## Analogous

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



C41353



B8351D



975400

# Triad

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



B8351D



007A3C



0065D4

# Complementary

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



B8351D



1DA0B8

# 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.



0075CE



B8351D



007C77

# Square

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



B8351D



237400



007BAC



7C4ABA

# Rectangle

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



B8351D



7A6300



007BAC



006CD5



# Sweetspot

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



B8351D



F0BDB4



B81DA1



785954



F7F7F7



787878



# Same Dimension

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



B8351D



F02500



B8821D



5C5453



9C1800



1C0400



# Inverse Universe

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



1DA0B8



00CBF0



1D53B8



535A5C



00839C



00181C



# Previews

## White Background



This preview shows how the Hex color B8351D looks on a white background.

## Color Contrast Check

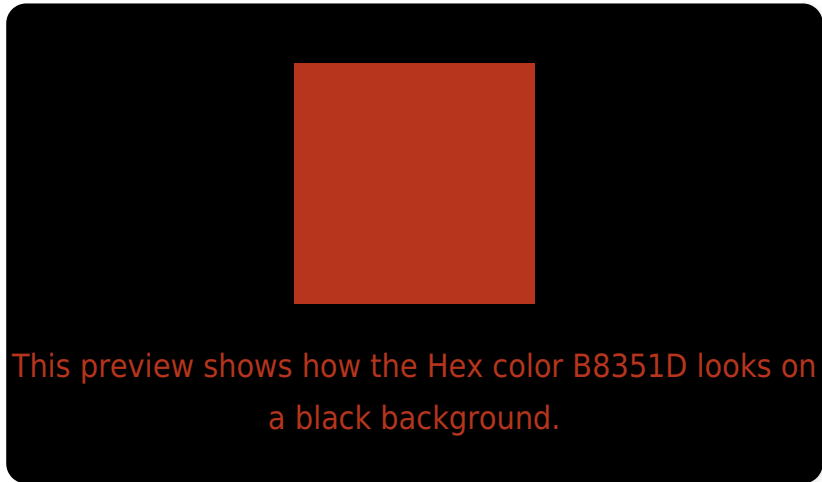
Large Text (above 18pt) WCAG AA ✓ Pass

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 B8351D Background



This preview shows how black text looks on a background with the Hex color B8351D.



This preview shows how white text looks on a background with the Hex color B8351D.

# 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**  
B8351D

**Protanopia**  
716529

**Deuteranopia**  
80600A



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B8351D 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 #B8351D looks like.

```
.text, #text, p{  
    color:#B8351D  
}
```

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 #B8351D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B8351D
}
```

## Border

The CSS property to change the border of an element to Hex B8351D 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".

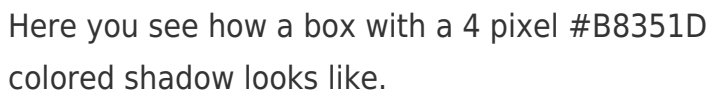
```
.border, #border, table{ border:4px solid
#B8351D }
```

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

```
.border{ border-color:#B8351D }
```

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

Here you see how a box with a 4 pixel #B8351D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B8351D; -webkit-box-shadow:4px 4px  
4px 4px #B8351D; box-shadow:4px 4px 4px  
4px #B8351D }
```

# Background

The CSS property to change the background color of an element to Hex B8351D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B8351D }
```

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

```
.background{ background-color:#B8351D }
```

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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