

# Converting Colors

Hex(8B1D3A)

Have a look what the booklet for  
Hex(8B1D3A) contains.

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**Color**

**Hex(8B1D3A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8B1D3A
RGB	139, 29, 58
RGB Percent	55%, 11%, 23%
CMY	0.4549, 0.8863, 0.7725
CMYK	0.00, 0.79, 0.58, 0.45
HSL	344°, 65%, 33%
HSV	344°, 79%, 55%
XYZ	11.8505, 6.6732, 4.6664
YIQ	65.1960, 56.2510, 32.3390

# Conversions

## Conversions Part 2

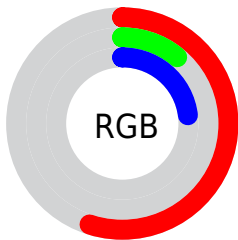
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	139, 29, 58
Decimal	9116986
CIE <sub>Lab</sub>	31.05, 46.98, 11.13
CIE <sub>LCh</sub>	31, 48.282, 13.330
Yxy	6.6732, 0.5110, 0.2878
Android (android.graphics.Color)	4287307066 (0xFF8B1D3A)
YUV	65.1960, -3.5476, 64.7261
Hunter-Lab	25.8325, 36.6792, 7.3725

# Details

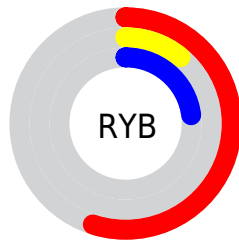
The Hex color **8B1D3A** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **1D8B6E**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **C55469**, and **530010** is the 20% darker color. If you saturate the color by 10%, you get **8B0F30**, and if you desaturate by 10%, it is **8B2B44**.

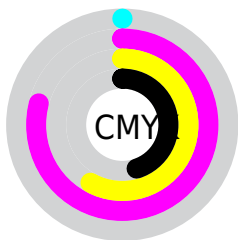
# Distribution



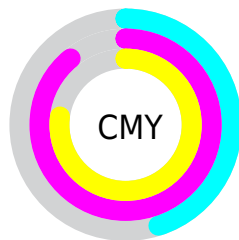
- Red (55%)
- Green (11%)
- Blue (23%)



- Red (55%)
- Yellow (11%)
- Blue (23%)



- Cyan (0%)
- Magenta (79%)
- Yellow (58%)
- Black (45%)



- Cyan (45%)
- Magenta (89%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8B1D3A 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 8B1D3A by changing the saturation by 10% instead.



 8B1D3A

 8B1D3A

FFFFFF

 6F0025

 C55469

 530010

 E36F82

 390002

 FF8A9C

 130000

 FFA5B7

 000000

 FFC1D2

 FFDEEE

 FFFBFF

 8B1D3A

 8B1D3A

 8B0F30

 8B2B44

 8B0126

 8B394E

 8B0025

 8B4759

 8B5563

 8B626D

 8B7077

 8B7E82

 8B8C8C

 8B9A96

# Harmonies

## Analogous

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



812260



8B1D3A



822D16

# Triad

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



8B1D3A



1B5408



005392

# Complementary

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



8B1D3A



1D8B6E

# 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.



00597C



8B1D3A



005832

# Square

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



8B1D3A



4A4D00



005A59



004893

# Rectangle

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



8B1D3A



733A00



005A59



00568D



# Sweetspot

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



8B1D3A



B58A95



6E1D8B



5C4148



DBDBDB



5C5C5C



# Same Dimension

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



8B1D3A



B50936



8B371D



453E40



850023



050001



# Inverse Universe

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



8B1D3A



B50936



1D718B



453E40



850023

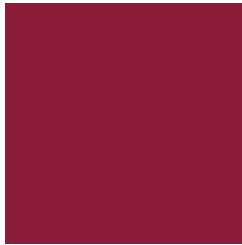


050001



# Previews

## White Background



This preview shows how the Hex color 8B1D3A looks on a white background.

## Color Contrast Check

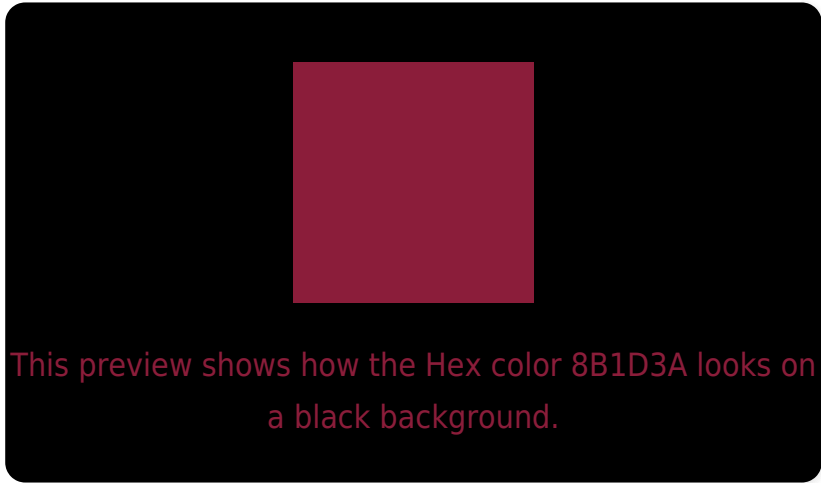
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 8B1D3A Background



This preview shows how black text looks on a background with the Hex color 8B1D3A.



This preview shows how white text looks on a background with the Hex color 8B1D3A.

# 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**  
8B1D3A

**Protanopia**  
4B4A4F

**Deuteranopia**  
594735



**Tritanopia**  
8A2223

# Trichromacy



**Original Color**  
8B1D3A

**Protanomaly**  
623A47

**Deuteranomaly**  
6B3837

**Tritanomaly**  
8A202B

# Monochromacy



**Original Color**  
8B1D3A

**Achromatopsia**  
414141

**Achromatomaly**  
5C343E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8B1D3A 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 #8B1D3A looks like.

```
.text, #text, p{  
    color:#8B1D3A  
}
```

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 #8B1D3A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8B1D3A
}
```

## Border

The CSS property to change the border of an element to Hex 8B1D3A is called "border". The border property can be set on classes, ids or directly on the HTML element.

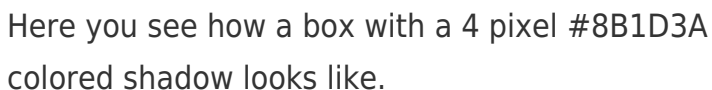
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8B1D3A }
```

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

```
.border{ border-color:#8B1D3A }
```

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



Here you see how a box with a 4 pixel #8B1D3A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8B1D3A; -webkit-box-shadow:4px 4px  
4px 4px #8B1D3A; box-shadow:4px 4px 4px  
4px #8B1D3A }
```

# Background

The CSS property to change the background color of an element to Hex 8B1D3A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8B1D3A }
```

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

```
.background{ background-color:#8B1D3A }
```

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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