

# Converting Colors

Hex(8B0D31)

Have a look what the booklet for  
Hex(8B0D31) contains.

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# Color

**Hex(8B0D31)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8B0D31
RGB	139, 13, 49
RGB Percent	55%, 5%, 19%
CMY	0.4549, 0.9490, 0.8078
CMYK	0.00, 0.91, 0.65, 0.45
HSL	343°, 83%, 30%
HSV	343°, 91%, 55%
XYZ	11.3458, 5.9986, 3.4656
YIQ	54.7780, 63.5400, 37.9080

# Conversions

## Conversions Part 2

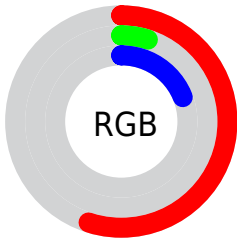
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	139, 13, 49
Decimal	9112881
CIE Lab	29.41, 50.46, 14.91
CIE LCh	29, 52.617, 16.460
Yxy	5.9986, 0.5452, 0.2883
Android (android.graphics.Color)	4287302961 (0xFF8B0D31)
YUV	54.7780, -2.8486, 73.8627
Hunter-Lab	24.4920, 39.8281, 8.7549

# Details

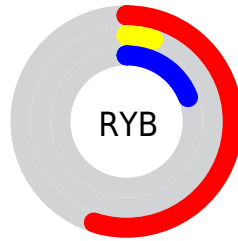
The Hex color **8B0D31** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **0D8B67**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **C64B5F**, and **520002** is the 20% darker color. If you saturate the color by 10%, you get **8B0028**, and if you desaturate by 10%, it is **8B1B3B**.

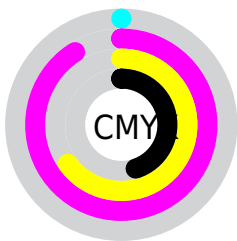
# Distribution



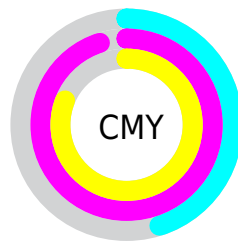
- Red (55%)
- Green (5%)
- Blue (19%)



- Red (55%)
- Yellow (5%)
- Blue (19%)



- Cyan (0%)
- Magenta (91%)
- Yellow (65%)
- Black (45%)



- Cyan (45%)
- Magenta (95%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8B0D31 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 8B0D31 by changing the saturation by 10% instead.





8B0D31



8B0D31

FFFFFF



6E001C



C64B5F



520002



E46677



380002



FF8291



0C0000



FF9DAB



000000



FFB9C7



FFD6E3



FFF3FF



8B0D31



8B0D31

■ 8B0028

■ 8B1B3B

■ 8B2945

■ 8B374F

■ 8B4559

■ 8B5363

■ 8B606D

■ 8B6E77

■ 8B7C80

■ 8B8A8A

# Harmonies

## Analogous

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



83125A



8B0D31



7F2808

# Triad

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



8B0D31



005200



005095

# Complementary

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



8B0D31



0D8B67

# 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.



005580



8B0D31



005531

# Square

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



8B0D31



414A00



00575B



004395

# Rectangle

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



8B0D31



6F3700



00575B



005291



# Sweetspot

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



8B0D31



B58492



650D8B



5C3E47



DBDBDB



5C5C5C



# Same Dimension

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



8B0D31



B50034



8B260D



453E40



850026



050001



# Inverse Universe

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



8B0D31



B50034



0D728B



453E40



850026

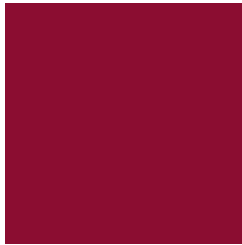


050001



# Previews

## White Background



This preview shows how the Hex color 8B0D31 looks on a white background.

## Color Contrast Check

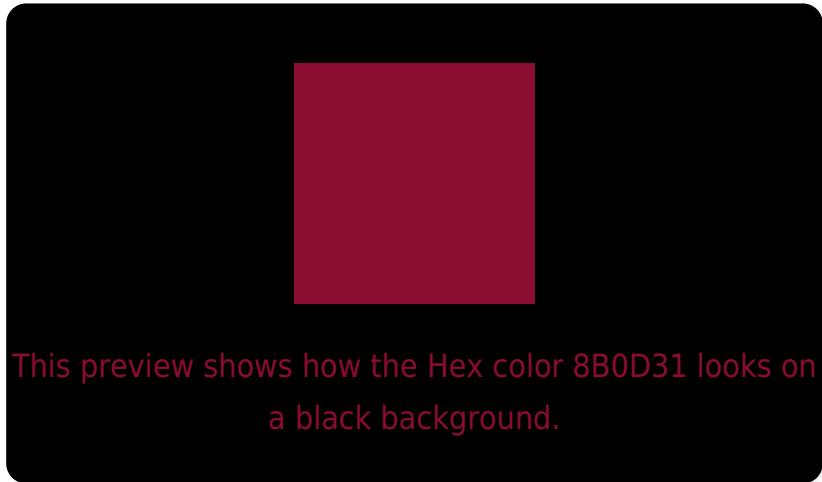
Large Text (above 18pt) WCAG AA ✓ Pass

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 8B0D31 Background



This preview shows how black text looks on a background with the Hex color 8B0D31.



This preview shows how white text looks on a background with the Hex color 8B0D31.

# 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**  
8B0D31

**Protanopia**  
494747

**Deuteranopia**  
57442B



**Tritanopia**  
8A1715

# Trichromacy



**Original Color**  
8B0D31

**Protanomaly**  
61323F

**Deuteranomaly**  
6A302D

**Tritanomaly**  
8A131F

# Monochromacy



**Original Color**  
8B0D31

**Achromatopsia**  
373737

**Achromatomaly**  
562835

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8B0D31 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 #8B0D31 looks like.

```
.text, #text, p{  
    color:#8B0D31  
}
```

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 #8B0D31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8B0D31
}
```

## Border

The CSS property to change the border of an element to Hex 8B0D31 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
#8B0D31 }
```

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

```
.border{ border-color:#8B0D31 }
```

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

Here you see how a box with a 4 pixel #8B0D31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8B0D31; -webkit-box-shadow:4px 4px  
4px 4px #8B0D31; box-shadow:4px 4px 4px  
4px #8B0D31 }
```

# Background

The CSS property to change the background color of an element to Hex 8B0D31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8B0D31 }
```

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

```
.background{ background-color:#8B0D31 }
```

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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