

# Converting Colors

Hex(8D1B35)

Have a look what the booklet for  
Hex(8D1B35) contains.

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# Color

**Hex(8D1B35)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8D1B35
RGB	141, 27, 53
RGB Percent	55%, 11%, 21%
CMY	0.4471, 0.8941, 0.7922
CMYK	0.00, 0.81, 0.62, 0.45
HSL	346°, 68%, 33%
HSV	346°, 81%, 55%
XYZ	12.0190, 6.7036, 4.0286
YIQ	64.0500, 59.5980, 32.2540

# Conversions

## Conversions Part 2

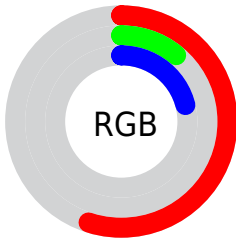
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	141, 27, 53
Decimal	9247541
CIE <sub>Lab</sub>	31.12, 47.85, 14.60
CIE <sub>LCh</sub>	31, 50.030, 16.969
Yxy	6.7036, 0.5283, 0.2946
Android (android.graphics.Color)	4287437621 (0xFF8D1B35)
YUV	64.0500, -5.4476, 67.4852
Hunter-Lab	25.8914, 37.5517, 8.8986

# Details

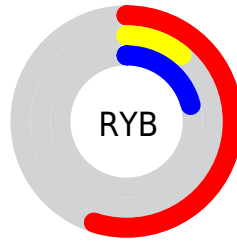
The Hex color **8D1B35** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **1B8D73**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **C85363**, and **540009** is the 20% darker color. If you saturate the color by 10%, you get **8D0D2A**, and if you desaturate by 10%, it is **8D2940**.

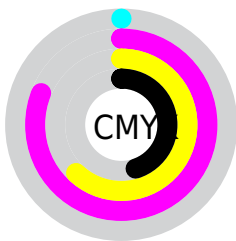
# Distribution



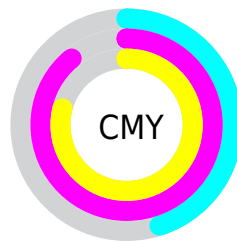
- Red (55%)
- Green (11%)
- Blue (21%)



- Red (55%)
- Yellow (11%)
- Blue (21%)



- Cyan (0%)
- Magenta (81%)
- Yellow (62%)
- Black (45%)



- Cyan (45%)
- Magenta (89%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8D1B35 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 8D1B35 by changing the saturation by 10% instead.



 8D1B35

 8D1B35

FFFFFF

 700020

 C85363

 540009

 E66E7C

 3A0002

 FF8996

 150000

 FFA4B1

 000000

 FFC0CC

 FFDDE8

 FFFAFF

 8D1B35

 8D1B35

■ 8D0D2A

■ 8D2940

■ 8D0020

■ 8D374B

■ 8D4556

■ 8D5361

■ 8D626B

■ 8D7076

■ 8D7E81

■ 8D8C8C

■ 8D9A97

# Harmonies

## Analogous

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



861D5C



8D1B35



812E0F

# Triad

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



8D1B35



0C560B



005396

# Complementary

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



8D1B35



1B8D73

# 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.



005982



8D1B35



005936

# Square

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



8D1B35



454E00



005A5F



104695

# Rectangle

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



8D1B35



713C00



005A5F



005592



# Sweetspot

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



8D1B35



B88C96



721B8D



5C4147



DBDBDB



5C5C5C



# Same Dimension

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



8D1B35



B8062E



8D391B



474042



87001F



080002



# Inverse Universe

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



8D1B35



B8062E



1B6F8D



474042



87001F

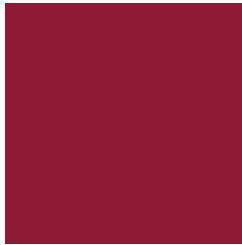


080002



# Previews

## White Background



This preview shows how the Hex color 8D1B35 looks on a white background.

## Color Contrast Check

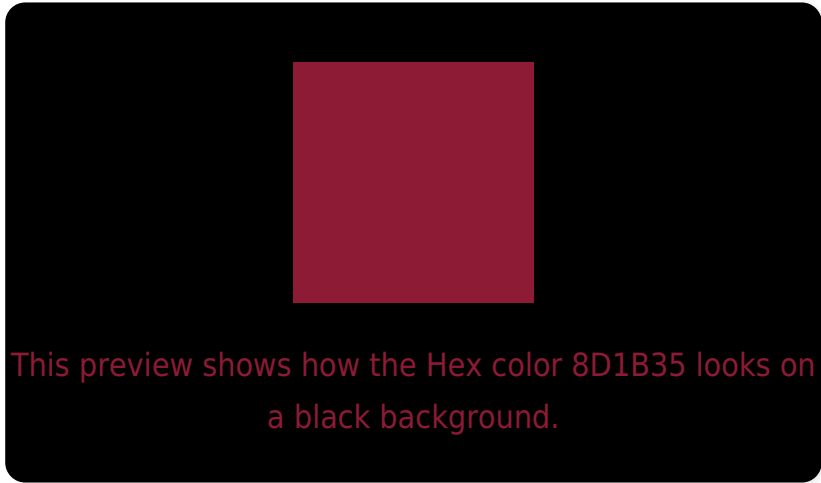
Large Text (above 18pt) WCAG AA ✓ Pass

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 8D1B35 Background



This preview shows how black text looks on a background with the Hex color 8D1B35.



This preview shows how white text looks on a background with the Hex color 8D1B35.

# 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**  
8D1B35

**Protanopia**  
4D4B49

**Deuteranopia**  
5A482F



# Trichromacy



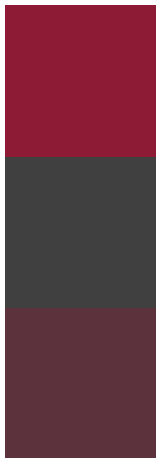
**Original Color**  
8D1B35

**Protanomaly**  
643A42

**Deuteranomaly**  
6D3831

**Tritanomaly**  
8C1E28

# Monochromacy



**Original Color**  
8D1B35

**Achromatopsia**  
404040

**Achromatomaly**  
5C333C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8D1B35 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 #8D1B35 looks like.

```
.text, #text, p{  
    color:#8D1B35  
}
```

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 #8D1B35 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8D1B35
}
```

## Border

The CSS property to change the border of an element to Hex 8D1B35 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
#8D1B35 }
```

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

```
.border{ border-color:#8D1B35 }
```

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

Here you see how a box with a 4 pixel #8D1B35 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8D1B35; -webkit-box-shadow:4px 4px  
4px 4px #8D1B35; box-shadow:4px 4px 4px  
4px #8D1B35 }
```

# Background

The CSS property to change the background color of an element to Hex 8D1B35 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8D1B35 }
```

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

```
.background{ background-color:#8D1B35 }
```

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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