

# Converting Colors

Hex(86331B)

Have a look what the booklet for  
Hex(86331B) contains.

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**Color**

**Hex(86331B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	86331B
RGB	134, 51, 27
RGB Percent	53%, 20%, 11%
CMY	0.4745, 0.8000, 0.8941
CMYK	0.00, 0.62, 0.80, 0.47
HSL	13°, 66%, 32%
HSV	13°, 80%, 53%
XYZ	11.2132, 7.5151, 1.8965
YIQ	73.0810, 57.1720, 10.1320

# Conversions

## Conversions Part 2

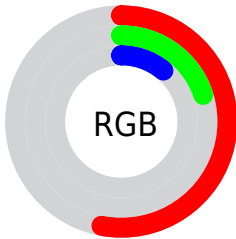
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	134, 58, 27
Decimal	8794907
CIE <sub>Lab</sub>	32.95, 34.23, 32.56
CIE <sub>LCh</sub>	33, 47.237, 43.568
Yxy	7.5151, 0.5437, 0.3644
Android (android.graphics.Color)	4286984987 (0xFF86331B)
YUV	73.0810, -22.7179, 53.4260
Hunter-Lab	27.4137, 25.0388, 15.0879

# Details

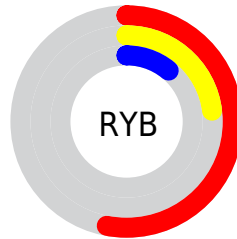
The Hex color **86331B** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **1B6E86**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **C16548**, and **4D0000** is the 20% darker color. If you saturate the color by 10%, you get **86290E**, and if you desaturate by 10%, it is **863D28**.

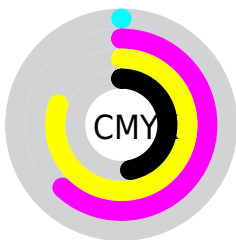
# Distribution



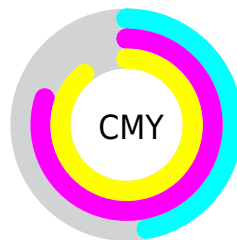
- Red (53%)
- Green (20%)
- Blue (11%)



- Red (53%)
- Yellow (23%)
- Blue (11%)



- Cyan (0%)
- Magenta (62%)
- Yellow (80%)
- Black (47%)



- Cyan (47%)
- Magenta (80%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 86331B 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 86331B by changing the saturation by 10% instead.



 86331B

 86331B

FFFFFF

 6A1A03

 C16548

 4D0000

 DF7F60

 330000

 FD9979

 0A0000

 FFB493

 000000

 FFD0AE

 FFEDCA

 FFFFE6

 86331B

 86331B

■ 86290E

■ 863D28

■ 861E00

■ 864836

■ 865243

■ 865D51

■ 86675E

■ 86716B

■ 867C79

■ 868686

■ 869194

# Harmonies

## Analogous

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



8F253E



86331B



6F4400

# Triad

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



86331B



005D37



0D4C97

# Complementary

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



86331B



1B6E86

# 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.



005795



86331B



005E5E

# Square

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



86331B



225910



005D80



643B84

# Rectangle

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



86331B



5A4D00



005D80



005199



# Sweetspot

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



86331B



AD8D84



861B6F



57433E



D6D6D6



575757



# Same Dimension

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



86331B



AD2C07



86681B



423D3C



821D00



030100



# Inverse Universe

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



1B6E86



0788AD



1B3986



3C4142



006582



000203



# Previews

## White Background



This preview shows how the Hex color 86331B looks on a white background.

## Color Contrast Check

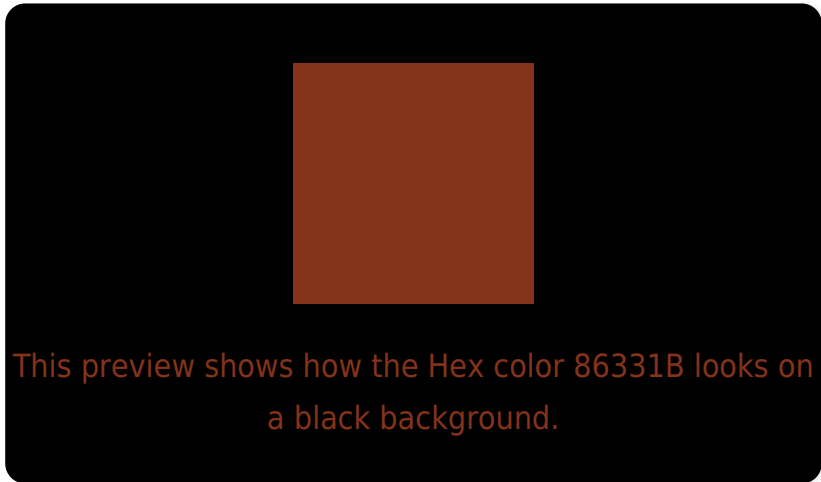
Large Text (above 18pt) WCAG AA ✓ Pass

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 86331B Background



This preview shows how black text looks on a background with the Hex color 86331B.



This preview shows how white text looks on a background with the Hex color 86331B.

# 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**  
86331B

**Protanopia**  
574F23

**Deuteranopia**  
634A14



# Trichromacy



**Original Color**  
86331B

**Protanomaly**  
684520

**Deuteranomaly**  
704217

**Tritanomaly**  
87312A

# Monochromacy



**Original Color**  
86331B

**Achromatopsia**  
494949

**Achromatomaly**  
5F4138

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 86331B 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 #86331B looks like.

```
.text, #text, p{  
    color:#86331B  
}
```

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 #86331B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86331B
}
```

## Border

The CSS property to change the border of an element to Hex 86331B is called "border". The border property can be set on classes, ids or directly on the HTML element.

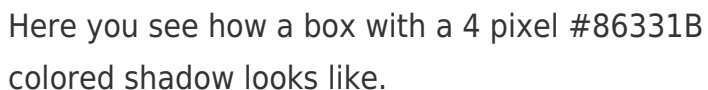
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#86331B }
```

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

```
.border{ border-color:#86331B }
```

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



Here you see how a box with a 4 pixel #86331B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86331B; -webkit-box-shadow:4px 4px  
4px 4px #86331B; box-shadow:4px 4px 4px  
4px #86331B }
```

# Background

The CSS property to change the background color of an element to Hex 86331B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86331B }
```

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

```
.background{ background-color:#86331B }
```

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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