

# Converting Colors

Hex(8B0015)

Have a look what the booklet for  
Hex(8B0015) contains.

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**Color**

**Hex(8B0015)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8B0015
RGB	139, 0, 21
RGB Percent	55%, 0%, 8%
CMY	0.4549, 1.0000, 0.9176
CMYK	0.00, 1.00, 0.85, 0.45
HSL	351°, 100%, 27%
HSV	351°, 100%, 55%
XYZ	10.7828, 5.5431, 1.2111
YIQ	43.9550, 76.1030, 35.9990

# Conversions

## Conversions Part 2

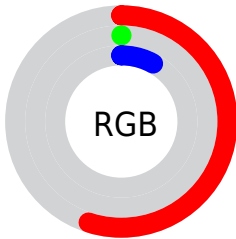
<b>Format</b>	<b>Color</b>
<b>RYB</b>	139, 0, 21
Decimal	9109525
CIELab	28.23, 51.40, 31.61
CIELCh	28, 60.347, 31.591
Yxy	5.5431, 0.6149, 0.3161
Android (android.graphics.Color)	4287299605 (0xFF8B0015)
YUV	43.9550, -11.3168, 83.3545
Hunter-Lab	23.5438, 40.5495, 13.4308

# Details

The Hex color **8B0015** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **008B76**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **C84640**, and **500000** is the 20% darker color. If you saturate the color by 10%, you get **8B0015**, and if you desaturate by 10%, it is **8B0E21**.

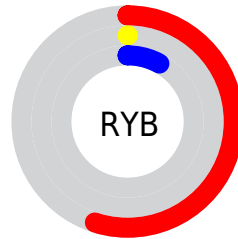
# Distribution



Red (55%)

Green (0%)

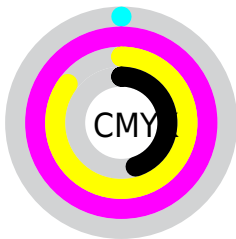
Blue (8%)



Red (55%)

Yellow (0%)

Blue (8%)

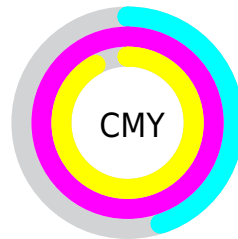


Cyan (0%)

Magenta (100%)

Yellow (85%)

Black (45%)



Cyan (45%)

Magenta (100%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8B0015 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 8B0015 by changing the saturation by 10% instead.



 8B0015

 8B0015

 FFFFF8

 6E0000

 C84640

 500000

 E76158

 350002

 FF7C70

 020000

 FF988A

 000000

 FFB4A4

 FFD0BF

 FFEDDB

 8B0015

 8B0E21

 8B1C2D

 8B2A38

 8B3844

 8B4650

 8B535C

 8B6168

 8B6F73

 8B7D7F

# Harmonies

## Analogous

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



8F0042



8B0015



742D00

# Triad

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



8B0015



005210



0049A1

# Complementary

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



8B0015



008B76

# 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.



005295



8B0015



005544

# Square

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



8B0015



1F4D00



005573



3B3493

# Rectangle

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



8B0015



5D3C00



005573



004DA0



# Sweetspot

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



8B0015



B57F87



74008B



5C3B40



DBDBDB



5C5C5C



# Same Dimension

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



8B0015



B5001B



8B2E00



453E3F



850014



050001



# Inverse Universe

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



8B0015



B5001B



005D8B



453E3F



850014



050001



# Previews

## White Background



This preview shows how the Hex color 8B0015 looks on a white background.

## Color Contrast Check

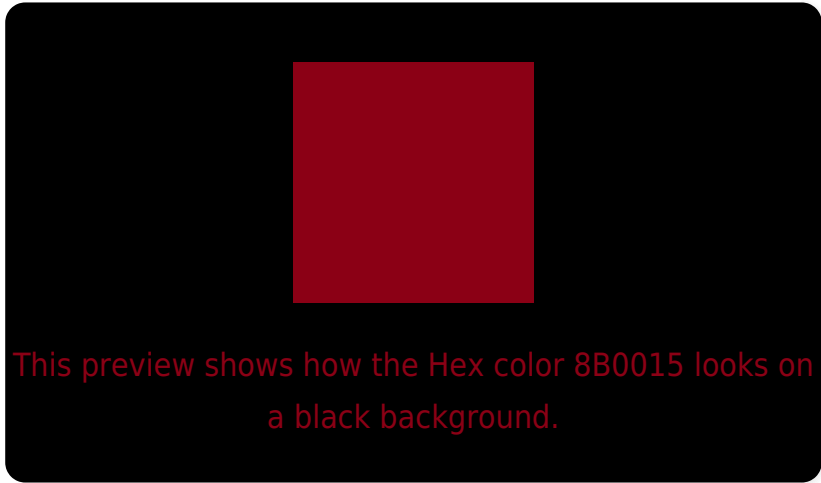
Large Text (above 18pt) WCAG AA ✓ Pass

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 8B0015 Background



This preview shows how black text looks on a background with the Hex color 8B0015.



This preview shows how white text looks on a background with the Hex color 8B0015.

# 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**  
8B0015

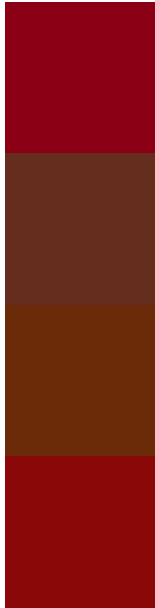
**Protanopia**  
4E4622

**Deuteranopia**  
594300



**Tritanopia**  
8A0D00

# Trichromacy



**Original Color**  
8B0015

**Protanomaly**  
642D1D

**Deuteranomaly**  
6B2B08

**Tritanomaly**  
8A0808

# Monochromacy



**Original Color**  
8B0015

**Achromatopsia**  
2C2C2C

**Achromatomaly**  
4F1C24

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8B0015 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 #8B0015 looks like.

```
.text, #text, p{  
    color:#8B0015  
}
```

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 #8B0015 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8B0015
}
```

## Border

The CSS property to change the border of an element to Hex 8B0015 is called "border". The border property can be set on classes, ids or directly on the HTML element.

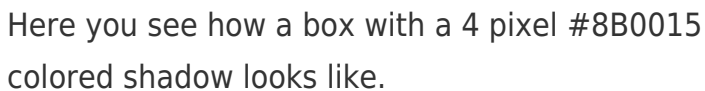
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8B0015 }
```

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

```
.border{ border-color:#8B0015 }
```

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



Here you see how a box with a 4 pixel #8B0015 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8B0015; -webkit-box-shadow:4px 4px  
4px 4px #8B0015; box-shadow:4px 4px 4px  
4px #8B0015 }
```

# Background

The CSS property to change the background color of an element to Hex 8B0015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8B0015 }
```

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

```
.background{ background-color:#8B0015 }
```

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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