

# Converting Colors

Hex(8A2035)

Have a look what the booklet for  
Hex(8A2035) contains.

<b>Hex(8A2035)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(8A2035)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8A2035
RGB	138, 32, 53
RGB Percent	54%, 13%, 21%
CMY	0.4588, 0.8745, 0.7922
CMYK	0.00, 0.77, 0.62, 0.46
HSL	348°, 62%, 33%
HSV	348°, 77%, 54%
XYZ	11.6403, 6.6933, 4.0466
YIQ	66.0880, 56.4350, 29.0030

# Conversions

## Conversions Part 2

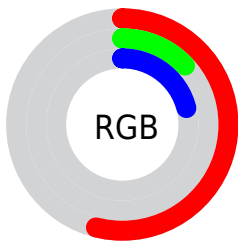
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	138, 32, 53
Decimal	9052213
CIE <sub>Lab</sub>	31.10, 45.29, 14.46
CIE <sub>LCh</sub>	31, 47.544, 17.708
Yxy	6.6933, 0.5201, 0.2991
Android (android.graphics.Color)	4287242293 (0xFF8A2035)
YUV	66.0880, -6.4524, 63.0668
Hunter-Lab	25.8715, 35.0373, 8.8364

# Details

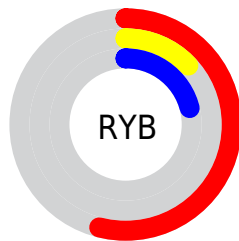
The Hex color **8A2035** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **208A75**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **C45663**, and **520009** is the 20% darker color. If you saturate the color by 10%, you get **8A122A**, and if you desaturate by 10%, it is **8A2E40**.

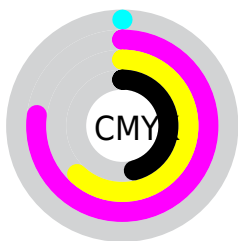
# Distribution



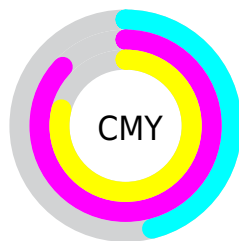
- Red (54%)
- Green (13%)
- Blue (21%)



- Red (54%)
- Yellow (13%)
- Blue (21%)



- Cyan (0%)
- Magenta (77%)
- Yellow (62%)
- Black (46%)



- Cyan (46%)
- Magenta (87%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8A2035 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 8A2035 by changing the saturation by 10% instead.



 8A2035

 8A2035

FFFFFF

 6D0020

 C45663

 520009

 E2707C

 380002

 FF8B96

 110000

 FFA7B1

 000000

 FFC3CC

 FFDFE8

 FFFDFD

 8A2035

 8A2035

■ 8A122A

■ 8A2E40

■ 8A041F

■ 8A3C4B

■ 8A001B

■ 8A4956

■ 8A5761

■ 8A656C

■ 8A7377

■ 8A8182

■ 8A8E8E

■ 8A9C99

# Harmonies

## Analogous

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



83215A



8A2035



7E3112

# Triad

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



8A2035



115511



005292

# Complementary

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



8A2035



208A75

# 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.



005880



8A2035



005938

# Square

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



8A2035



454E00



005A5F



1E4691

# Rectangle

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



8A2035



6F3D00



005A5F



00558E



# Sweetspot

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



8A2035



B38992



75208A



594045



D9D9D9



595959



# Same Dimension

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



8A2035



B30E2F



8A4020



453E3F



85001A



050001



# Inverse Universe

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



8A2035



B30E2F



206A8A



453E3F



85001A

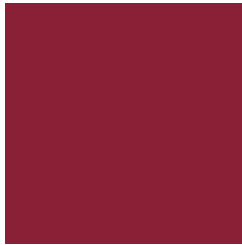


050001



# Previews

## White Background



This preview shows how the Hex color 8A2035 looks on a white background.

## Color Contrast Check

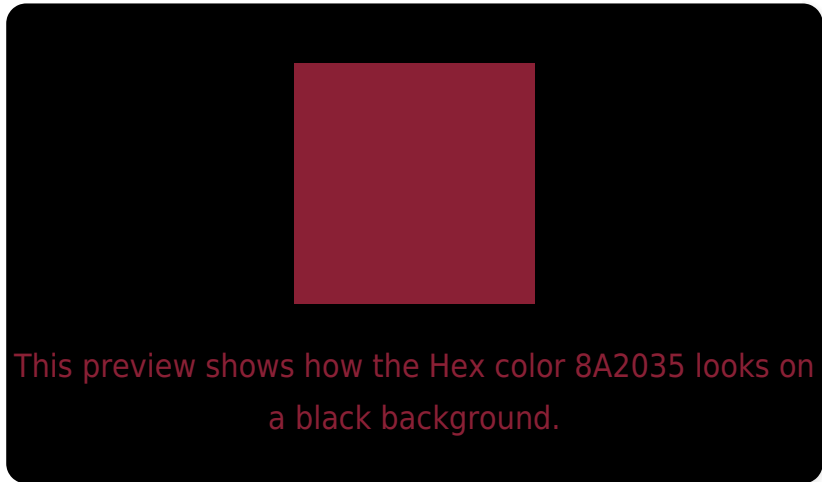
Large Text (above 18pt) WCAG AA ✓ Pass

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

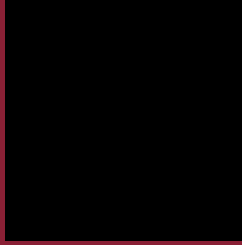
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8A2035 Background



This preview shows how black text looks on a background with the Hex color 8A2035.



This preview shows how white text looks on a background with the Hex color 8A2035.

# 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**  
8A2035

**Protanopia**  
4D4A48

**Deuteranopia**  
5A4730



# Trichromacy



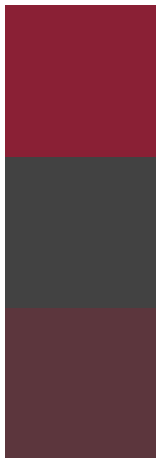
**Original Color**  
8A2035

**Protanomaly**  
633B41

**Deuteranomaly**  
6B3932

**Tritanomaly**  
89222B

# Monochromacy



**Original Color**  
8A2035

**Achromatopsia**  
424242

**Achromatomaly**  
5C363D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8A2035 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 #8A2035 looks like.

```
.text, #text, p{  
    color:#8A2035  
}
```

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 #8A2035 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A2035
}
```

## Border

The CSS property to change the border of an element to Hex 8A2035 is called "border". The border property can be set on classes, ids or directly on the HTML element.

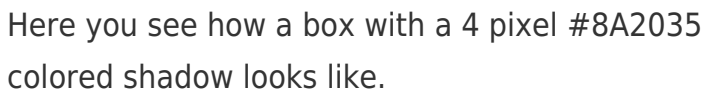
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8A2035 }
```

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

```
.border{ border-color:#8A2035 }
```

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



Here you see how a box with a 4 pixel #8A2035 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A2035; -webkit-box-shadow:4px 4px  
4px 4px #8A2035; box-shadow:4px 4px 4px  
4px #8A2035 }
```

# Background

The CSS property to change the background color of an element to Hex 8A2035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A2035 }
```

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

```
.background{ background-color:#8A2035 }
```

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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