

# Converting Colors

Hex(8C2247)

Have a look what the booklet for  
Hex(8C2247) contains.

<b>Hex(8C2247)</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(8C2247)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8C2247
RGB	140, 34, 71
RGB Percent	55%, 13%, 28%
CMY	0.4510, 0.8667, 0.7216
CMYK	0.00, 0.76, 0.49, 0.45
HSL	339°, 61%, 34%
HSV	339°, 76%, 55%
XYZ	12.5246, 7.1744, 6.6859
YIQ	69.9120, 51.2990, 33.9790

# Conversions

## Conversions Part 2

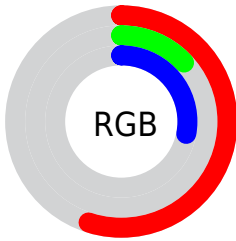
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	140, 34, 71
Decimal	9183815
CIE Lab	32.20, 46.67, 4.20
CIE LCh	32, 46.863, 5.143
Yxy	7.1744, 0.4747, 0.2719
Android (android.graphics.Color)	4287373895 (0xFF8C2247)
YUV	69.9120, 0.5364, 61.4672
Hunter-Lab	26.7851, 36.5916, 3.9500

# Details

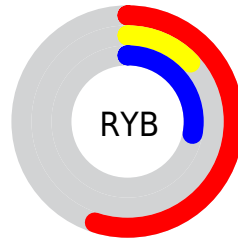
The Hex color **8C2247** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **228C67**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **C65877**, and **54001C** is the 20% darker color. If you saturate the color by 10%, you get **8C143E**, and if you desaturate by 10%, it is **8C3050**.

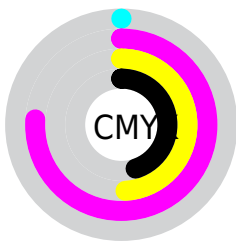
# Distribution



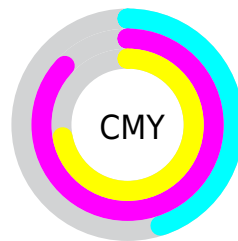
- Red (55%)
- Green (13%)
- Blue (28%)



- Red (55%)
- Yellow (13%)
- Blue (28%)



- Cyan (0%)
- Magenta (76%)
- Yellow (49%)
- Black (45%)



- Cyan (45%)
- Magenta (87%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8C2247 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 8C2247 by changing the saturation by 10% instead.



 8C2247

 8C2247

FFFFFF

 700031

 C65877

 54001C

 E37391

 3C0001

 FF8EAB

 1A0001

 FFA9C6

 000000

 FFC6E2

 FFE2FF

 8C2247

 8C2247

 8C143E

 8C3050

 8C0635

 8C3E59

 8C0031

 8C4C62

 8C5A6B

 8C6875

 8C767E

 8C8487

 8C9290

 8CA099

# Harmonies

## Analogous

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



7C2C6B



8C2247



882D23

# Triad

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



8C2247



305503



00588F

# Complementary

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



8C2247



228C67

# 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.



005C75



8C2247



005A2B

# Square

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



8C2247



574C00



005C51



004E96

# Rectangle

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



8C2247



7C380C



005C51



005988



# Sweetspot

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



8C2247



B58B9A



67228C



5C424B



DBDBDB



5C5C5C



# Same Dimension

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



8C2247



B5104A



8C3222



453E40



85002E



050002



# Inverse Universe

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



8C2247



B5104A



227C8C



453E40



85002E

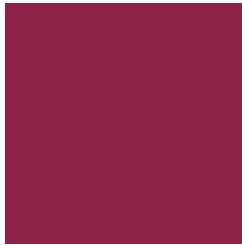


050002



# Previews

## White Background



This preview shows how the Hex color 8C2247 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

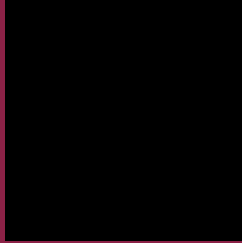
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8C2247 Background



This preview shows how black text looks on a background with the Hex color 8C2247.



This preview shows how white text looks on a background with the Hex color 8C2247.

# 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**  
8C2247

**Protanopia**  
494C5E

**Deuteranopia**  
594A42



**Tritanopia**  
8A292B

# Trichromacy



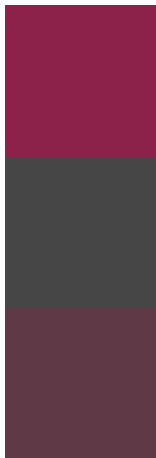
**Original Color**  
8C2247

**Protanomaly**  
613D56

**Deuteranomaly**  
6C3B44

**Tritanomaly**  
8B2635

# Monochromacy



**Original Color**  
8C2247

**Achromatopsia**  
464646

**Achromatomaly**  
5F3946

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8C2247 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 #8C2247 looks like.

```
.text, #text, p{  
    color:#8C2247  
}
```

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 #8C2247 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C2247
}
```

## Border

The CSS property to change the border of an element to Hex 8C2247 is called "border". The border property can be set on classes, ids or directly on the HTML element.

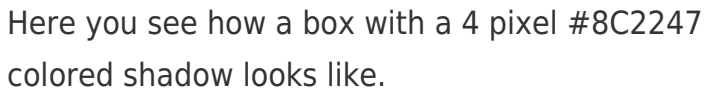
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8C2247 }
```

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

```
.border{ border-color:#8C2247 }
```

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



Here you see how a box with a 4 pixel #8C2247 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C2247; -webkit-box-shadow:4px 4px  
4px 4px #8C2247; box-shadow:4px 4px 4px  
4px #8C2247 }
```

# Background

The CSS property to change the background color of an element to Hex 8C2247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C2247 }
```

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

```
.background{ background-color:#8C2247 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor