

Converting Colors

Hex(8C234E)

Have a look what the booklet for
Hex(8C234E) contains.

Hex(8C234E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(8C234E)

Conversions

Conversions Part 1

Format	Color
Hex	8C234E
RGB	140, 35, 78
RGB Percent	55%, 14%, 31%
CMY	0.4510, 0.8627, 0.6941
CMYK	0.00, 0.75, 0.44, 0.45
HSL	335°, 60%, 34%
HSV	335°, 75%, 55%
XYZ	12.7914, 7.3276, 7.9479
YIQ	71.2970, 48.7770, 35.6330

Conversions

Conversions Part 2

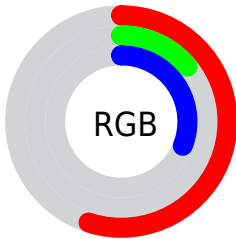
Format	Color
R_{YB}	140, 35, 78
Decimal	9184078
CIE _{Lab}	32.54, 47.00, 0.11
CIE _{LCh}	33, 47.000, 0.130
Yxy	7.3276, 0.4557, 0.2611
Android (android.graphics.Color)	4287374158 (0xFF8C234E)
YUV	71.2970, 3.3046, 60.2525
Hunter-Lab	27.0695, 36.9767, 1.5404

Details

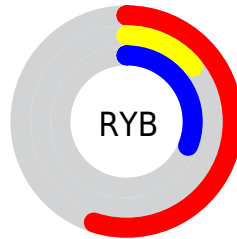
The Hex color **8C234E** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **238C61**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **C5597F**, and **550022** is the 20% darker color. If you saturate the color by 10%, you get **8C1546**, and if you desaturate by 10%, it is **8C3156**.

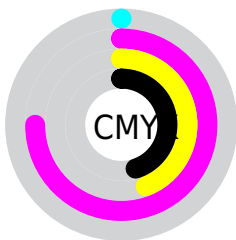
Distribution



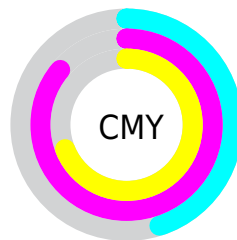
- Red (55%)
- Green (14%)
- Blue (31%)



- Red (55%)
- Yellow (14%)
- Blue (31%)



- Cyan (0%)
- Magenta (75%)
- Yellow (44%)
- Black (45%)



- Cyan (45%)
- Magenta (86%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8C234E 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 8C234E by changing the saturation by 10% instead.

8C234E

8C234E

FFFFFF

700037

C5597F

550022

E37499

3C000B

FF8FB3

1C0001

FFAACF

000000

FFC7EB

FFE3FF

8C234E

8C234E

8C1546

8C3156

■ 8C073D

■ 8C3F5F

■ 8C0039

■ 8C4D67

■ 8C5B6F

■ 8C6977

■ 8C7780

■ 8C8588

■ 8C9390

■ 8CA198

Harmonies

Analogous

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



783072



8C234E



8B2B2A

Triad

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



8C234E



385500



00598D

Complementary

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



8C234E



238C61

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.



005D71



8C234E



005B25

Square

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



8C234E



5D4B00



005D4C



005197

Rectangle

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



8C234E



813613



005D4C



005B85

Sweetspot

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



8C234E



B58B9C



60238C



5C424D



DBDBDB



5C5C5C

Same Dimension

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



8C234E



B51255



8C2C23



453E41



850036



050002

Inverse Universe

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



8C234E



B51255



23838C



453E41



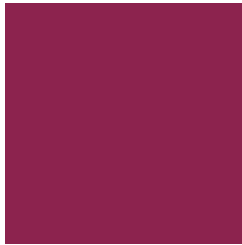
850036



050002

Previews

White Background



This preview shows how the Hex color 8C234E looks on a white background.

Color Contrast Check

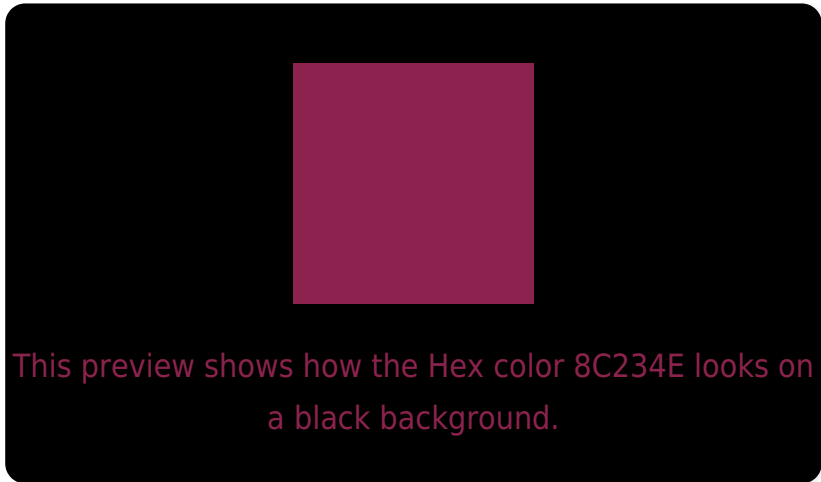
Large Text (above 18pt) WCAG AA ✓ Pass

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 8C234E Background



This preview shows how black text looks on a background with the Hex color 8C234E.

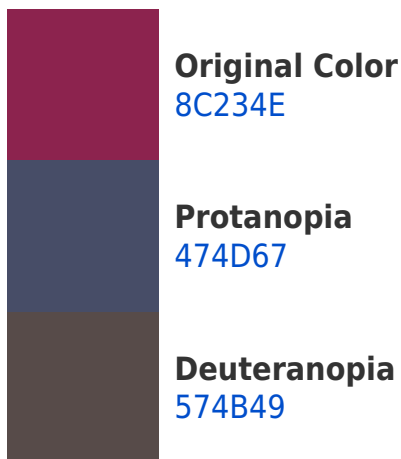


This preview shows how white text looks on a background with the Hex color 8C234E.

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





Tritanopia
8A2B2E

Trichromacy



Original Color
8C234E

Protanomaly
603E5E

Deuteranomaly
6A3C4B

Tritanomaly
8B283A

Monochromacy



Original Color
8C234E

Achromatopsia
474747

Achromatomaly
603A4A

CSS Examples

Text

The CSS property to change the color of the text to Hex 8C234E 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 #8C234E looks like.

```
.text, #text, p{  
    color:#8C234E  
}
```

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 #8C234E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C234E
}
```

Border

The CSS property to change the border of an element to Hex 8C234E is called "border". The border property can be set on classes, ids or directly on the HTML element.

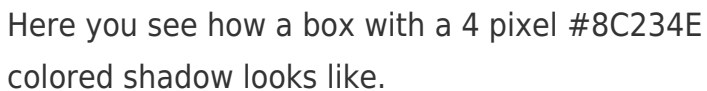
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8C234E }
```

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

```
.border{ border-color:#8C234E }
```

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



Here you see how a box with a 4 pixel #8C234E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C234E; -webkit-box-shadow:4px 4px  
4px 4px #8C234E; box-shadow:4px 4px 4px  
4px #8C234E }
```

Background

The CSS property to change the background color of an element to Hex 8C234E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C234E }
```

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

```
.background{ background-color:#8C234E }
```

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