

# Converting Colors

Hex(8F334A)

Have a look what the booklet for  
Hex(8F334A) contains.

<b>Hex(8F334A)</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(8F334A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8F334A
RGB	143, 51, 74
RGB Percent	56%, 20%, 29%
CMY	0.4392, 0.8000, 0.7098
CMYK	0.00, 0.64, 0.48, 0.44
HSL	345°, 47%, 38%
HSV	345°, 64%, 56%
XYZ	13.7475, 8.7017, 7.4336
YIQ	81.1300, 47.4490, 26.6570

# Conversions

## Conversions Part 2

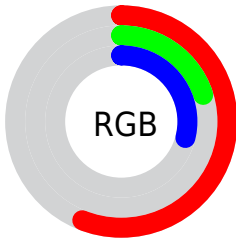
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">143, 51, 74</a>
Decimal	<a href="#">9384778</a>
CIELab	<a href="#">35.40, 40.89, 6.89</a>
CIElCh	<a href="#">35, 41.470, 9.557</a>
Yxy	<a href="#">8.7017, 0.4600, 0.2912</a>
Android (android.graphics.Color)	<a href="#">4287574858 (0xFF8F334A)</a>
YUV	<a href="#">81.1300, -3.5151, 54.2600</a>
Hunter-Lab	<a href="#">29.4987, 31.5655, 5.7081</a>

# Details

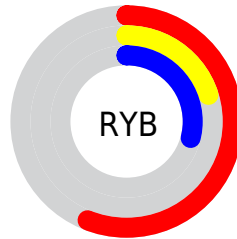
The Hex color **8F334A** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **338F78**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **C8667A**, and **58001F** is the 20% darker color. If you saturate the color by 10%, you get **8F253F**, and if you desaturate by 10%, it is **8F4155**.

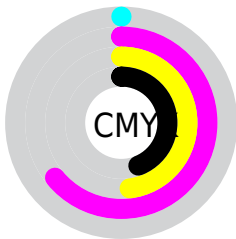
# Distribution



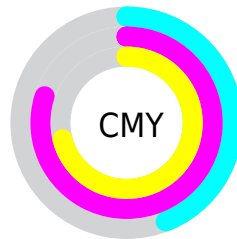
- Red (56%)
- Green (20%)
- Blue (29%)



- Red (56%)
- Yellow (20%)
- Blue (29%)



- Cyan (0%)
- Magenta (64%)
- Yellow (48%)
- Black (44%)



- Cyan (44%)
- Magenta (80%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8F334A 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 8F334A by changing the saturation by 10% instead.



8F334A

8F334A

FFFFFF

731834

C8667A

58001F

E68194

3E0005

FF9CAF

230001

FFB7CA

000000

FFD4E6

FFF0FF

8F334A

8F334A

8F253F

8F4155

 8F1635

 8F505F

 8F082A

 8F5E6A

 8F0024

 8F6C75

 8F7B80

 8F898A

 8F9795

 8FA5A0

 8FB4AB

# Harmonies

## Analogous

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



83386B



8F334A



893C2B

# Triad

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



8F334A



365D1C



005D91

# Complementary

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



8F334A



338F78

# 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.



00627D



8F334A



00613B

# Square

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



8F334A



5A5507



00635D



1D5495

# Rectangle

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



8F334A



7E4519



00635D



005F8C



# Sweetspot

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



8F334A



BA97A0



78338F



5E494E



DEDEDE



5E5E5E



# Same Dimension

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



8F334A



BA2B4F



8F4A33



474042



870022



080002



# Inverse Universe

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



8F334A



BA2B4F



33788F



474042



870022

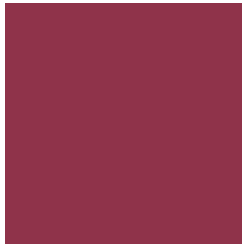


080002



# Previews

## White Background



This preview shows how the Hex color 8F334A looks on a white background.

## Color Contrast Check

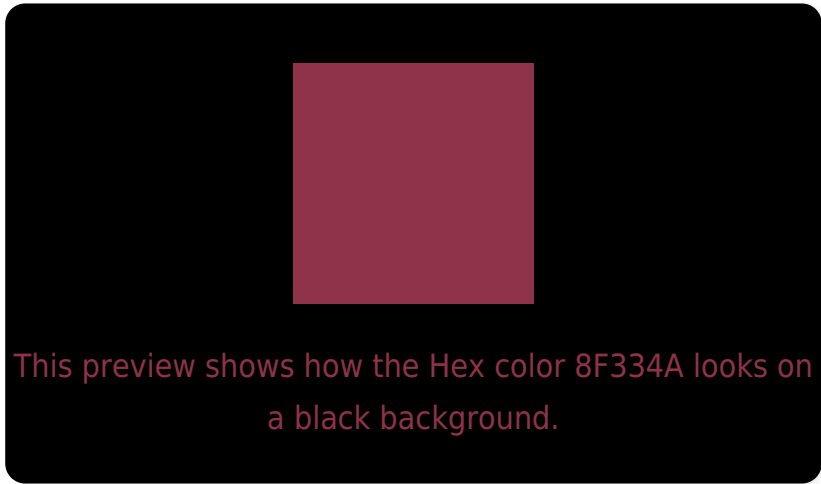
Large Text (above 18pt) WCAG AA ✓ Pass

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 8F334A Background



This preview shows how black text looks on a background with the Hex color 8F334A.



This preview shows how white text looks on a background with the Hex color 8F334A.

# 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**  
8F334A

**Protanopia**  
53545C

**Deuteranopia**  
615146



**Tritanopia**  
8E363A

# Trichromacy



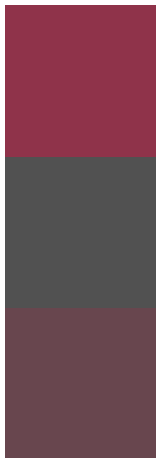
**Original Color**  
8F334A

**Protanomaly**  
694855

**Deuteranomaly**  
724647

**Tritanomaly**  
8E3540

# Monochromacy



**Original Color**  
8F334A

**Achromatopsia**  
515151

**Achromatomaly**  
68464E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8F334A 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 #8F334A looks like.

```
.text, #text, p{  
    color:#8F334A  
}
```

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 #8F334A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8F334A
}
```

## Border

The CSS property to change the border of an element to Hex 8F334A is called "border". The border property can be set on classes, ids or directly on the HTML element.

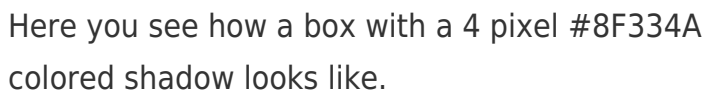
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8F334A }
```

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

```
.border{ border-color:#8F334A }
```

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



Here you see how a box with a 4 pixel #8F334A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8F334A; -webkit-box-shadow:4px 4px  
4px 4px #8F334A; box-shadow:4px 4px 4px  
4px #8F334A }
```

# Background

The CSS property to change the background color of an element to Hex 8F334A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8F334A }
```

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

```
.background{ background-color:#8F334A }
```

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