

# Converting Colors

Hex(8D253F)

Have a look what the booklet for  
Hex(8D253F) contains.

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**Color**

**Hex(8D253F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8D253F
RGB	141, 37, 63
RGB Percent	55%, 15%, 25%
CMY	0.4471, 0.8549, 0.7529
CMYK	0.00, 0.74, 0.55, 0.45
HSL	345°, 58%, 35%
HSV	345°, 74%, 55%
XYZ	12.5433, 7.3447, 5.4592
YIQ	71.0600, 53.6380, 30.1340

# Conversions

## Conversions Part 2

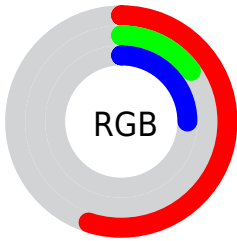
<b>Format</b>	<b>Color</b>
<b>RYB</b>	141, 37, 63
Decimal	9250111
CIELab	32.58, 45.17, 10.01
CIElCh	33, 46.265, 12.494
Yxy	7.3447, 0.4949, 0.2898
Android (android.graphics.Color)	4287440191 (0xFF8D253F)
YUV	71.0600, -3.9736, 61.3374
Hunter-Lab	27.1012, 35.1884, 7.0276

# Details

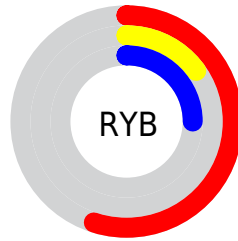
The Hex color **8D253F** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **258D73**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **C75A6E**, and **550015** is the 20% darker color. If you saturate the color by 10%, you get **8D1734**, and if you desaturate by 10%, it is **8D334A**.

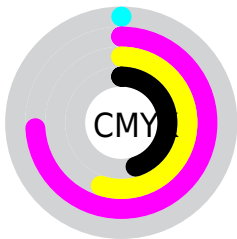
# Distribution



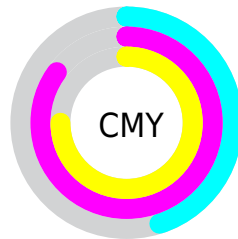
- Red (55%)
- Green (15%)
- Blue (25%)



- Red (55%)
- Yellow (15%)
- Blue (25%)



- Cyan (0%)
- Magenta (74%)
- Yellow (55%)
- Black (45%)



- Cyan (45%)
- Magenta (85%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8D253F 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 8D253F by changing the saturation by 10% instead.



8D253F

8D253F

FFFFFF

710129

C75A6E

550015

E57588

3B0001

FF90A2

1A0001

FFABBD

000000

FFC7D9

FFE4F5

8D253F

8D253F

8D1734

8D334A

■ 8D092A

■ 8D4154

■ 8D0023

■ 8D4F5F

■ 8D5D69

■ 8D6C74

■ 8D7A7E

■ 8D8889

■ 8D9694

■ 8DA49E

# Harmonies

## Analogous

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



832A63



8D253F



85321D

# Triad

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



8D253F



255810



005792

# Complementary

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



8D253F



258D73

# 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.



005C7D



8D253F



005C35

# Square

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



8D253F



4F5000



005D5B



064C94

# Rectangle

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



8D253F



773E05



005D5B



00598D



# Sweetspot

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



8D253F



B88F99



73258D



5C444A



DBDBDB



5C5C5C



# Same Dimension

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



8D253F



B8143D



8D3F25



474042



870022



080002



# Inverse Universe

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



8D253F



B8143D



25738D



474042



870022

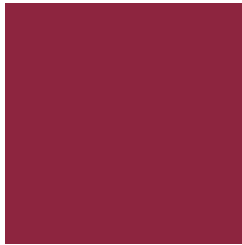


080002



# Previews

## White Background



This preview shows how the Hex color 8D253F looks on a white background.

## Color Contrast Check

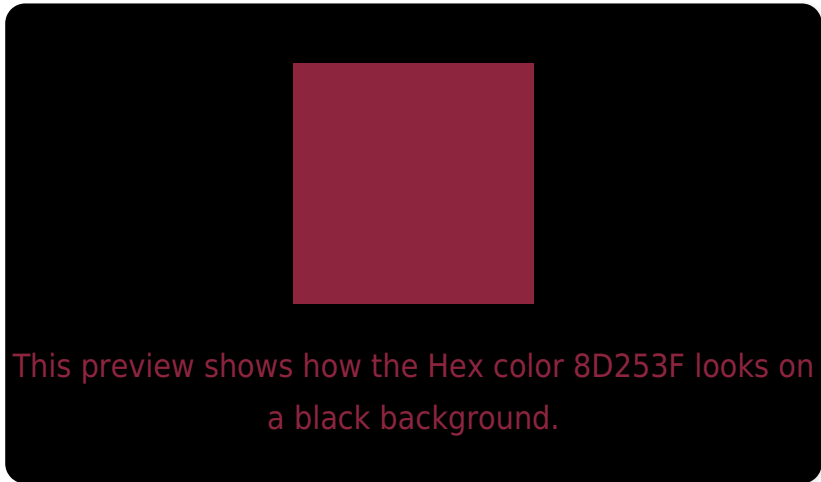
Large Text (above 18pt) WCAG AA ✓ Pass

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 8D253F Background



This preview shows how black text looks on a background with the Hex color 8D253F.



This preview shows how white text looks on a background with the Hex color 8D253F.

# 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**  
8D253F

**Protanopia**  
4E4D53

**Deuteranopia**  
5C4B3A



**Tritanopia**  
8C292B

# Trichromacy



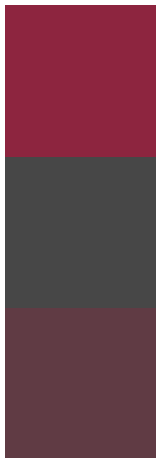
**Original Color**  
8D253F

**Protanomaly**  
653E4C

**Deuteranomaly**  
6E3D3C

**Tritanomaly**  
8C2832

# Monochromacy



**Original Color**  
8D253F

**Achromatopsia**  
474747

**Achromatomaly**  
603B44

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8D253F 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 #8D253F looks like.

```
.text, #text, p{  
    color:#8D253F  
}
```

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 #8D253F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8D253F
}
```

## Border

The CSS property to change the border of an element to Hex 8D253F is called "border". The border property can be set on classes, ids or directly on the HTML element.

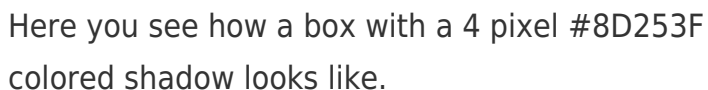
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8D253F }
```

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

```
.border{ border-color:#8D253F }
```

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



Here you see how a box with a 4 pixel #8D253F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8D253F; -webkit-box-shadow:4px 4px  
4px 4px #8D253F; box-shadow:4px 4px 4px  
4px #8D253F }
```

# Background

The CSS property to change the background color of an element to Hex 8D253F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8D253F }
```

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

```
.background{ background-color:#8D253F }
```

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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