

Converting Colors

Hex(90333F)

Have a look what the booklet for
Hex(90333F) contains.

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Color

Hex(90333F)

Conversions

Conversions Part 1

Format	Color
Hex	90333F
RGB	144, 51, 63
RGB Percent	56%, 20%, 25%
CMY	0.4353, 0.8000, 0.7529
CMYK	0.00, 0.65, 0.56, 0.44
HSL	352°, 48%, 38%
HSV	352°, 65%, 56%
XYZ	13.5826, 8.6558, 5.6575
YIQ	80.1750, 51.5760, 23.4480

Conversions

Conversions Part 2

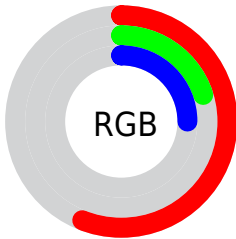
Format	Color
RYB	144, 51, 63
Decimal	9450303
CIELab	35.31, 40.23, 13.84
CIELCh	35, 42.545, 18.984
Yxy	8.6558, 0.4869, 0.3103
Android (android.graphics.Color)	4287640383 (0xFF90333F)
YUV	80.1750, -8.4673, 55.9745
Hunter-Lab	29.4208, 30.9213, 9.1934

Details

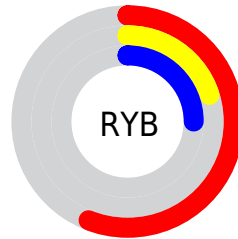
The Hex color **90333F** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **339084**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **CA666E**, and **580015** is the 20% darker color. If you saturate the color by 10%, you get **902532**, and if you desaturate by 10%, it is **90414C**.

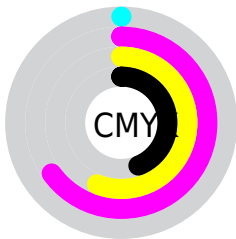
Distribution



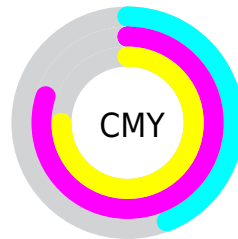
- Red (56%)
- Green (20%)
- Blue (25%)



- Red (56%)
- Yellow (20%)
- Blue (25%)



- Cyan (0%)
- Magenta (65%)
- Yellow (56%)
- Black (44%)



- Cyan (44%)
- Magenta (80%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 90333F 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 90333F by changing the saturation by 10% instead.

 90333F

 90333F

FFFFFF

 741829

 CA666E

 580015

 E88188

 3E0000

 FF9CA2

 220001

 FFB7BD

 000000

 FFD3D9

 FFF0F5

 90333F

 90333F

 902532

 90414C

901626

905058

900819

905E65

900013

906D71

907B7E

90898A

909897

90A6A3

90B5B0

Harmonies

Analogous

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



8A3361



90333F



853F20

Triad

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



90333F



255F23



005B96

Complementary

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



90333F



339084

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.



006186



90333F



006245

Square

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



90333F



4F5807



006368



3A4F94

Rectangle

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



90333F



77480F



006368



005D92

Sweetspot

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



90333F



BA979B



843390



5E494B



DEDEDE



5E5E5E

Same Dimension

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



90333F



BA293C



905533



474041



870011



080001

Inverse Universe

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



90333F



BA293C



336E90



474041



870011



080001

Previews

White Background



This preview shows how the Hex color 90333F looks on a white background.

Color Contrast Check

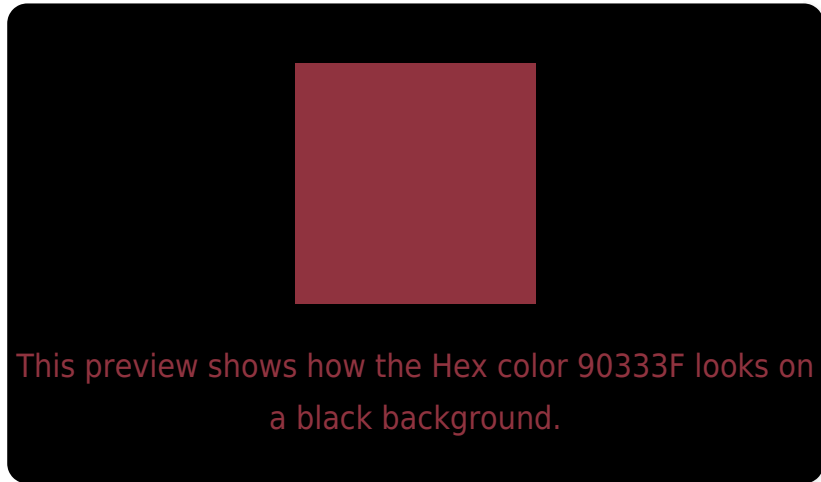
Large Text (above 18pt) WCAG AA ✓ Pass

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 90333F Background



This preview shows how black text looks on a background with the Hex color 90333F.



This preview shows how white text looks on a background with the Hex color 90333F.

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
90333F

Protanopia
57544E

Deuteranopia
64503B

Trichromacy



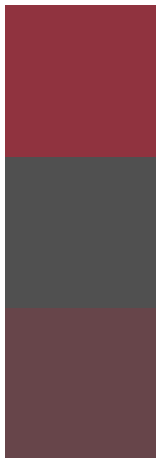
Original Color
90333F

Protanomaly
6C4849

Deuteranomaly
74453C

Tritanomaly
90343A

Monochromacy



Original Color
90333F

Achromatopsia
505050

Achromatomaly
67454A

CSS Examples

Text

The CSS property to change the color of the text to Hex 90333F 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 #90333F looks like.

```
.text, #text, p{  
    color:#90333F  
}
```

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 #90333F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90333F
}
```

Border

The CSS property to change the border of an element to Hex 90333F is called "border". The border property can be set on classes, ids or directly on the HTML element.

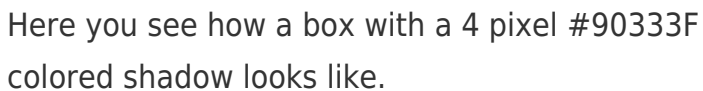
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#90333F }
```

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

```
.border{ border-color:#90333F }
```

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



Here you see how a box with a 4 pixel #90333F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90333F; -webkit-box-shadow:4px 4px  
4px 4px #90333F; box-shadow:4px 4px 4px  
4px #90333F }
```

Background

The CSS property to change the background color of an element to Hex 90333F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90333F }
```

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

```
.background{ background-color:#90333F }
```

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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