

Converting Colors

Hex(941233)

Have a look what the booklet for
Hex(941233) contains.

Hex(941233)	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(941233)

Conversions

Conversions Part 1

Format	Color
Hex	941233
RGB	148, 18, 51
RGB Percent	58%, 7%, 20%
CMY	0.4196, 0.9294, 0.8000
CMYK	0.00, 0.88, 0.66, 0.42
HSL	345°, 78%, 33%
HSV	345°, 88%, 58%
XYZ	13.0266, 6.9675, 3.7903
YIQ	60.6320, 66.8870, 37.8230

Conversions

Conversions Part 2

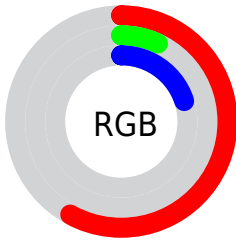
Format	Color
R_{YB}	148, 18, 51
Decimal	9703987
CIE Lab	31.73, 52.05, 17.00
CIE LCh	32, 54.750, 18.084
Yxy	6.9675, 0.5477, 0.2929
Android (android.graphics.Color)	4287894067 (0xFF941233)
YUV	60.6320, -4.7486, 76.6217
Hunter-Lab	26.3961, 41.8975, 9.9637

Details

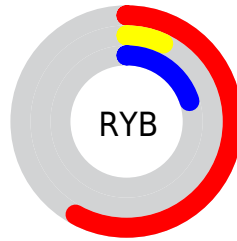
The Hex color **941233** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **129473**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **D04F61**, and **5A0006** is the 20% darker color. If you saturate the color by 10%, you get **940328**, and if you desaturate by 10%, it is **94213E**.

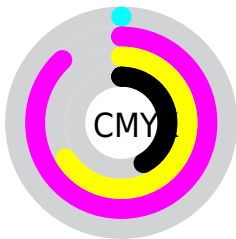
Distribution



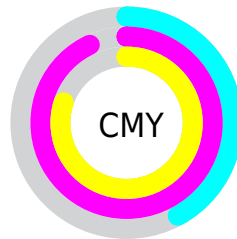
- Red (58%)
- Green (7%)
- Blue (20%)



- Red (58%)
- Yellow (7%)
- Blue (20%)



- Cyan (0%)
- Magenta (88%)
- Yellow (66%)
- Black (42%)



- Cyan (42%)
- Magenta (93%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 941233 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 941233 by changing the saturation by 10% instead.

 941233

 941233

FFFFFF

 77001E

 D04F61

 5A0006

 EE6B7A

 3F0002

 FF8693

 1E0001

 FFA2AE

 000000

 FFBEC9

 FFD8E5

 FFF8FF

 941233

 941233

 940328

 94213E

 940026

 943049

 943E54

 944D5F

 945C6A

 946B75

 947A80

 94888B

 949796

Harmonies

Analogous

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



8D145E



941233



862D07

Triad

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



941233



005805



0055A0

Complementary

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



941233



129473

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.



005B8A



941233



005C37

Square

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



941233



445000



005D64



02479D

Rectangle

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



941233



753C00



005D64



00589B

Sweetspot

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



941233



BF8E9A



711294



61434A



E0E0E0



616161

Same Dimension

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



941233



BF0031



943012



4A4344



8A0023



0A0003

Inverse Universe

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



941233



BF0031



127694



4A4344



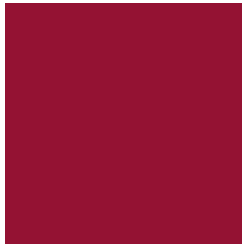
8A0023



0A0003

Previews

White Background



This preview shows how the Hex color 941233 looks on a white background.

Color Contrast Check

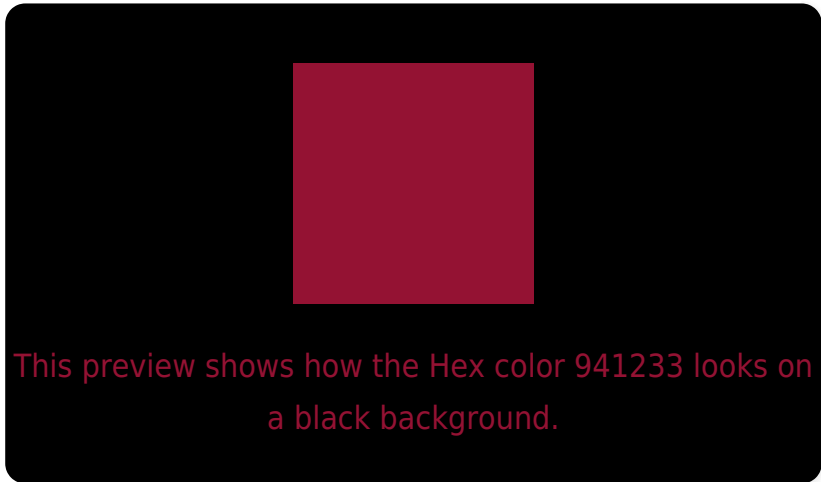
Large Text (above 18pt) WCAG AA ✓ Pass

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 941233 Background



This preview shows how black text looks on a background with the Hex color 941233.



This preview shows how white text looks on a background with the Hex color 941233.

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
941233

Protanopia
4F4C49

Deuteranopia
5D492D



Tritanopia
931A19

Trichromacy



Original Color
941233

Protanomaly
683741

Deuteranomaly
71352F

Tritanomaly
931722

Monochromacy



Original Color
941233

Achromatopsia
3D3D3D

Achromatomaly
5D2D39

CSS Examples

Text

The CSS property to change the color of the text to Hex 941233 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 #941233 looks like.

```
.text, #text, p{  
    color:#941233  
}
```

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 #941233 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #941233
}
```

Border

The CSS property to change the border of an element to Hex 941233 is called "border". The border property can be set on classes, ids or directly on the HTML element.

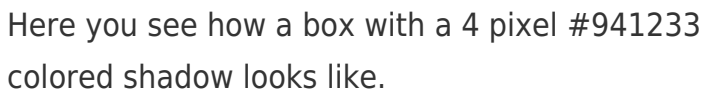
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#941233 }
```

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

```
.border{ border-color:#941233 }
```

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



Here you see how a box with a 4 pixel #941233 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #941233; -webkit-box-shadow:4px 4px  
4px 4px #941233; box-shadow:4px 4px 4px  
4px #941233 }
```

Background

The CSS property to change the background color of an element to Hex 941233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#941233 }
```

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

```
.background{ background-color:#941233 }
```

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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