

Converting Colors

Hex(941E57)

Have a look what the booklet for
Hex(941E57) contains.

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Color

Hex(941E57)

Conversions

Conversions Part 1

Format	Color
Hex	941E57
RGB	148, 30, 87
RGB Percent	58%, 12%, 34%
CMY	0.4196, 0.8824, 0.6588
CMYK	0.00, 0.80, 0.41, 0.42
HSL	331°, 66%, 35%
HSV	331°, 80%, 58%
XYZ	14.3973, 7.9126, 9.7853
YIQ	71.7800, 52.0310, 42.7430

Conversions

Conversions Part 2

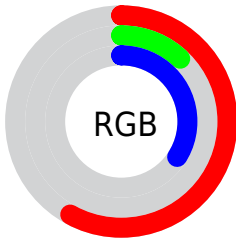
Format	Color
R_{YB}	148, 30, 87
Decimal	9707095
CIE _{Lab}	33.80, 51.88, -3.72
CIE _{LCh}	34, 52.011, 355.896
Yxy	7.9126, 0.4486, 0.2465
Android (android.graphics.Color)	4287897175 (0xFF941E57)
YUV	71.7800, 7.5035, 66.8449
Hunter-Lab	28.1293, 42.1348, -0.9346

Details

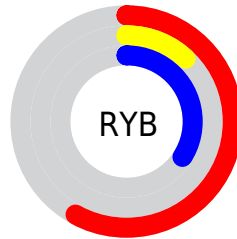
The Hex color **941E57** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **1E945B**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **CE5789**, and **5C002A** is the 20% darker color. If you saturate the color by 10%, you get **940F4F**, and if you desaturate by 10%, it is **942D5F**.

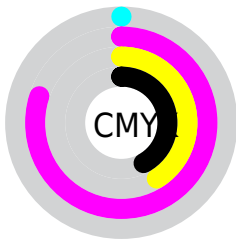
Distribution



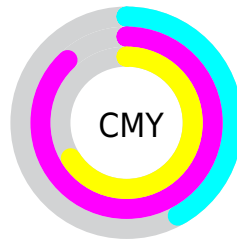
- Red (58%)
- Green (12%)
- Blue (34%)



- Red (58%)
- Yellow (12%)
- Blue (34%)



- Cyan (0%)
- Magenta (80%)
- Yellow (41%)
- Black (42%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 941E57 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 941E57 by changing the saturation by 10% instead.

■ 941E57

■ 941E57

FFFFFF

■ 780040

■ CE5789

■ 5C002A

■ EC72A3

■ 410016

■ FF8EBE

■ 270001

■ FFAADA

■ 000000

■ FFC6F6

■ FFE3FF

■ 941E57

■ 941E57

■ 940F4F

■ 942D5F

■ 940048

■ 943C66

■ 940047

■ 944A6E

■ 945976

■ 94687D

■ 947785

■ 94868D

■ 949494

■ 94A39C

Harmonies

Analogous

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



7B317E



941E57



95252E

Triad

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



941E57



3E5800



005F94

Complementary

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



941E57



1E945B

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.



006173



941E57



005E1D

Square

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



941E57



664C00



006148



0056A3

Rectangle

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



941E57



8B3314



006148



00608A

Sweetspot

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



941E57



BF91A8



5B1E94



614552



E0E0E0



616161

Same Dimension

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



941E57



BF0860



94201E



4A4346



8A0043



0A0005

Inverse Universe

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



941E57



BF0860



1E9294



4A4346



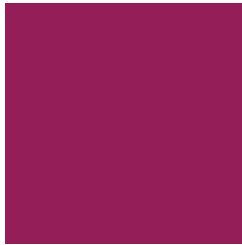
8A0043



0A0005

Previews

White Background



This preview shows how the Hex color 941E57 looks on a white background.

Color Contrast Check

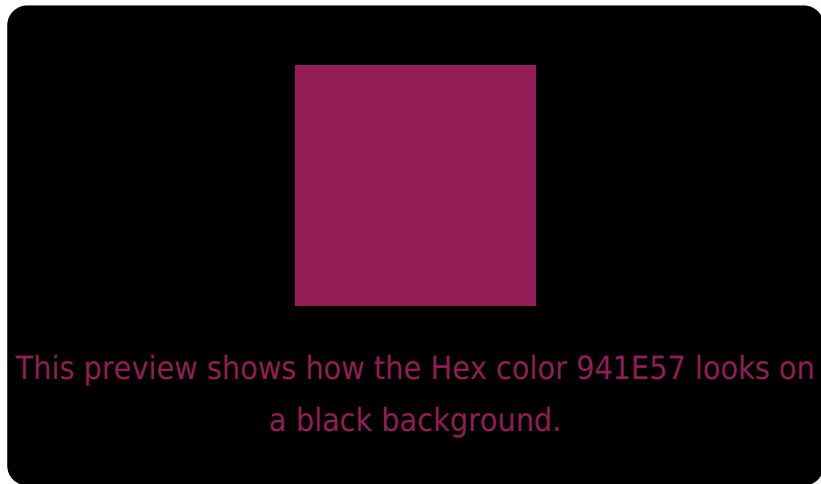
Large Text (above 18pt) WCAG AA ✓ Pass

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 941E57 Background



This preview shows how black text looks on a background with the Hex color 941E57.

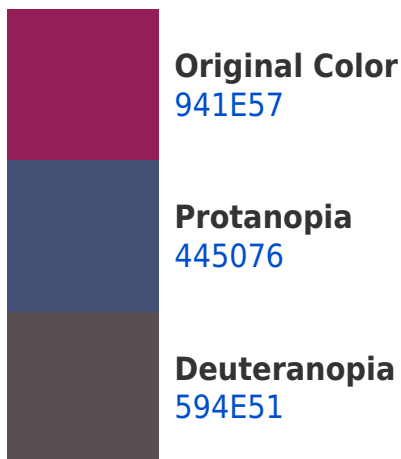


This preview shows how white text looks on a background with the Hex color 941E57.

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
912B2D

Trichromacy



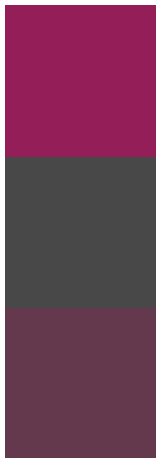
Original Color
941E57

Protanomaly
613E6B

Deuteranomaly
6E3D53

Tritanomaly
92263C

Monochromacy



Original Color
941E57

Achromatopsia
484848

Achromatomaly
64394D

CSS Examples

Text

The CSS property to change the color of the text to Hex 941E57 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 #941E57 looks like.

```
.text, #text, p{  
    color:#941E57  
}
```

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 #941E57 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #941E57
}
```

Border

The CSS property to change the border of an element to Hex 941E57 is called "border". The border property can be set on classes, ids or directly on the HTML element.

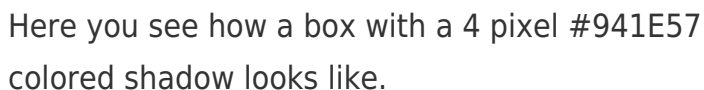
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#941E57 }
```

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

```
.border{ border-color:#941E57 }
```

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



Here you see how a box with a 4 pixel #941E57 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #941E57; -webkit-box-shadow:4px 4px  
4px 4px #941E57; box-shadow:4px 4px 4px  
4px #941E57 }
```

Background

The CSS property to change the background color of an element to Hex 941E57 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#941E57 }
```

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

```
.background{ background-color:#941E57 }
```

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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