

Converting Colors

Hex(941E66)

Have a look what the booklet for
Hex(941E66) contains.

Hex(941E66)	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(941E66)

Conversions

Conversions Part 1

Format	Color
Hex	941E66
RGB	148, 30, 102
RGB Percent	58%, 12%, 40%
CMY	0.4196, 0.8824, 0.6000
CMYK	0.00, 0.80, 0.31, 0.42
HSL	323°, 66%, 35%
HSV	323°, 80%, 58%
XYZ	15.0753, 8.1838, 13.3554
YIQ	73.4900, 47.2160, 47.4080

Conversions

Conversions Part 2

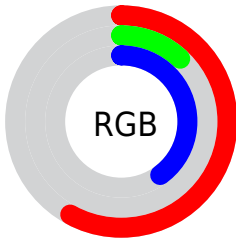
Format	Color
R_{YB}	148, 30, 102
Decimal	9707110
CIE _{Lab}	34.36, 53.57, -12.54
CIE _{LCh}	34, 55.020, 346.826
Yxy	8.1838, 0.4117, 0.2235
Android (android.graphics.Color)	4287897190 (0xFF941E66)
YUV	73.4900, 14.0554, 65.3453
Hunter-Lab	28.6073, 44.0022, -7.6547

Details

The Hex color **941E66** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **1E944C**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **CE5899**, and **5D0037** is the 20% darker color. If you saturate the color by 10%, you get **940F60**, and if you desaturate by 10%, it is **942D6C**.

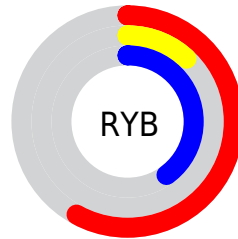
Distribution



Red (58%)

Green (12%)

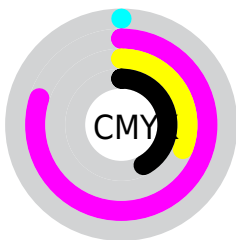
Blue (40%)



Red (58%)

Yellow (12%)

Blue (40%)

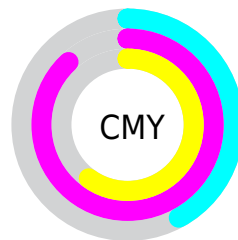


Cyan (0%)

Magenta (80%)

Yellow (31%)

Black (42%)



Cyan (42%)

Magenta (88%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 941E66 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 941E66 by changing the saturation by 10% instead.

 941E66

 941E66

FFFFFF

 78004E

 CE5899

 5D0037

 EB73B4

 420022

 FF8FCF

 290008

 FFAAEC

 000000

 FFC7FF

 FFE4FF

 941E66

 941E66

 940F60

 942D6C

■ 94005A

■ 943C72

■ 944A77

■ 94597D

■ 946883

■ 947789

■ 94868E

■ 949494

■ 94A39A

Harmonies

Analogous

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



70388D



941E66



9C1B3A

Triad

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



941E66



4C5600



006290

Complementary

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



941E66



1E944C

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.



006469



941E66



095F09

Square

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



941E66



734800



00633B



005CA7

Rectangle

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



941E66



952A1E



00633B



006385

Sweetspot

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



941E66



BF91AD



4B1E94



614556



E0E0E0



616161

Same Dimension

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



941E66



BF0878



941E2C



4A4347



8A0054



0A0006

Inverse Universe

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



941E66



BF0878



1E9486



4A4347



8A0054



0A0006

Previews

White Background



This preview shows how the Hex color 941E66 looks on a white background.

Color Contrast Check

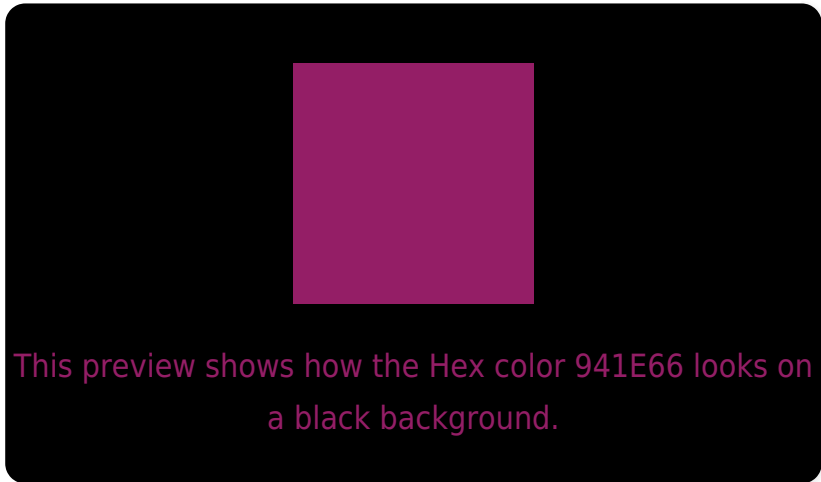
Large Text (above 18pt) WCAG AA ✓ Pass

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 941E66 Background



This preview shows how black text looks on a background with the Hex color 941E66.



This preview shows how white text looks on a background with the Hex color 941E66.

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



Trichromacy



Original Color
941E66

Protanomaly
5B3E7D

Deuteranomaly
6B3E62

Tritanomaly
912945

Monochromacy



Original Color
941E66

Achromatopsia
494949

Achromatomaly
643954

CSS Examples

Text

The CSS property to change the color of the text to Hex 941E66 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 #941E66 looks like.

```
.text, #text, p{  
    color:#941E66  
}
```

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 #941E66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #941E66  
}
```

Border

The CSS property to change the border of an element to Hex 941E66 is called "border". The border property can be set on classes, ids or directly on the HTML element.

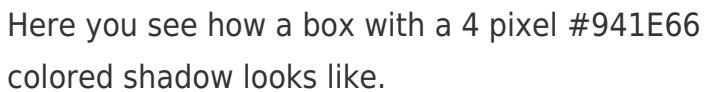
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#941E66 }
```

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

```
.border{ border-color:#941E66 }
```

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



Here you see how a box with a 4 pixel #941E66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #941E66; -webkit-box-shadow:4px 4px  
4px 4px #941E66; box-shadow:4px 4px 4px  
4px #941E66 }
```

Background

The CSS property to change the background color of an element to Hex 941E66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#941E66 }
```

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

```
.background{ background-color:#941E66 }
```

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