

# Converting Colors

Hex(941F4B)

Have a look what the booklet for  
Hex(941F4B) contains.

<b>Hex(941F4B)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(941F4B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	941F4B
RGB	148, 31, 75
RGB Percent	58%, 12%, 29%
CMY	0.4196, 0.8784, 0.7059
CMYK	0.00, 0.79, 0.49, 0.42
HSL	337°, 65%, 35%
HSV	337°, 79%, 58%
XYZ	13.9727, 7.7839, 7.4226
YIQ	70.9990, 55.6080, 38.4880

# Conversions

## Conversions Part 2

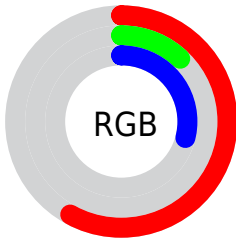
<b>Format</b>	<b>Color</b>
<b>RYB</b>	148, 31, 75
Decimal	9707339
CIELab	33.53, 50.40, 3.69
CIElCh	34, 50.536, 4.191
Yxy	7.7839, 0.4789, 0.2668
Android (android.graphics.Color)	4287897419 (0xFF941F4B)
YUV	70.9990, 1.9725, 67.5299
Hunter-Lab	27.8996, 40.5724, 3.7558

# Details

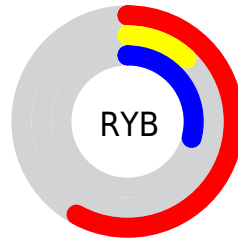
The Hex color **941F4B** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **1F9468**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **CE587C**, and **5B0020** is the 20% darker color. If you saturate the color by 10%, you get **941042**, and if you desaturate by 10%, it is **942E54**.

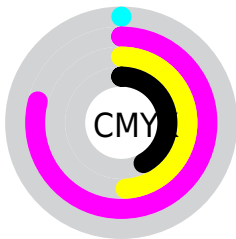
# Distribution



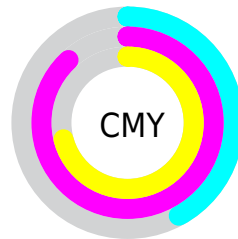
- Red (58%)
- Green (12%)
- Blue (29%)



- Red (58%)
- Yellow (12%)
- Blue (29%)



- Cyan (0%)
- Magenta (79%)
- Yellow (49%)
- Black (42%)



- Cyan (42%)
- Magenta (88%)
- Yellow (71%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 941F4B 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 941F4B by changing the saturation by 10% instead.



 941F4B

 941F4B

FFFFFF

 780035

 CE587C

 5B0020

 EC7395

 410007

 FF8EB0

 240001

 FFAACB

 000000

 FFC6E7

 FFE3FF

 941F4B

 941F4B

 941042

 942E54

940139

943D5D

940038

944B67

945A70

946979

947882

94878C

949595

94A49E

# Harmonies

## Analogous

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



822C72



941F4B



902B24

# Triad

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



941F4B



315900



005C97

# Complementary

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



941F4B



1F9468

# 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.



00607B



941F4B



005E2A

# Square

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



941F4B



5B4F00



006054



00529F

# Rectangle

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



941F4B



833909



006054



005E90



# Sweetspot

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



941F4B



BF91A3



671F94



61454F



E0E0E0



616161



# Same Dimension

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



941F4B



BF0A4E



942D1F



4A4345



8A0034



0A0004



# Inverse Universe

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



941F4B



BF0A4E



1F8694



4A4345



8A0034

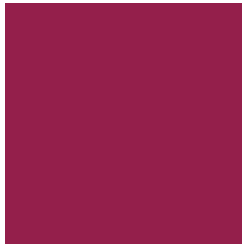


0A0004



# Previews

## White Background



This preview shows how the Hex color 941F4B looks on a white background.

## Color Contrast Check

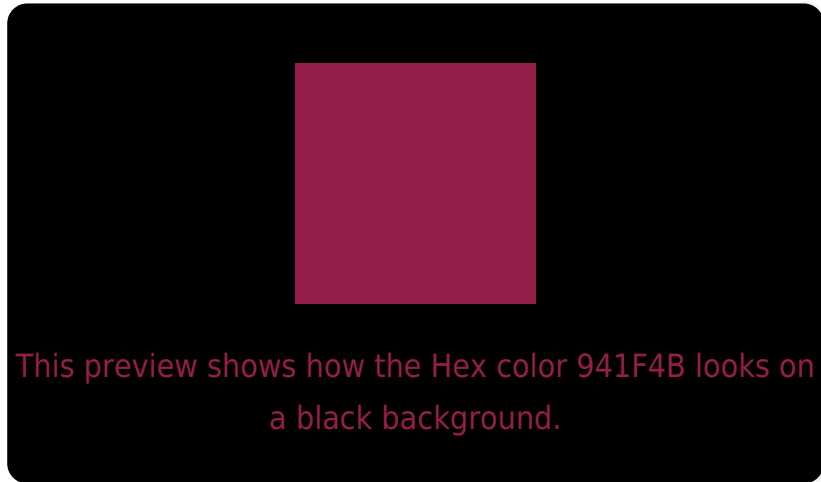
Large Text (above 18pt) WCAG AA ✓ Pass

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 941F4B Background



This preview shows how black text looks on a background with the Hex color 941F4B.



This preview shows how white text looks on a background with the Hex color 941F4B.

# 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**  
941F4B

**Protanopia**  
4B4F66

**Deuteranopia**  
5C4D45



**Tritanopia**  
92282A

# Trichromacy



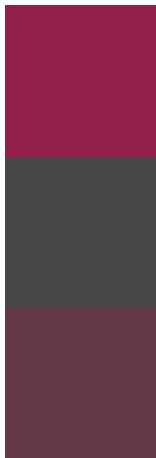
**Original Color**  
941F4B

**Protanomaly**  
663E5C

**Deuteranomaly**  
703C47

**Tritanomaly**  
932536

# Monochromacy



**Original Color**  
941F4B

**Achromatopsia**  
474747

**Achromatomaly**  
633848

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 941F4B 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 #941F4B looks like.

```
.text, #text, p{  
    color:#941F4B  
}
```

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 #941F4B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #941F4B
}
```

## Border

The CSS property to change the border of an element to Hex 941F4B is called "border". The border property can be set on classes, ids or directly on the HTML element.

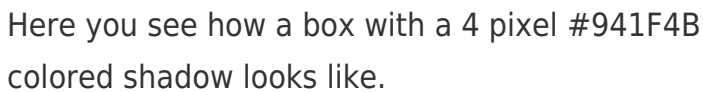
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#941F4B }
```

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

```
.border{ border-color:#941F4B }
```

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



Here you see how a box with a 4 pixel #941F4B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #941F4B; -webkit-box-shadow:4px 4px  
4px 4px #941F4B; box-shadow:4px 4px 4px  
4px #941F4B }
```

# Background

The CSS property to change the background color of an element to Hex 941F4B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#941F4B }
```

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

```
.background{ background-color:#941F4B }
```

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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