

# Converting Colors

Hex(941E30)

Have a look what the booklet for  
Hex(941E30) contains.

<b>Hex(941E30)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(941E30)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	941E30
RGB	148, 30, 48
RGB Percent	58%, 12%, 19%
CMY	0.4196, 0.8824, 0.8118
CMYK	0.00, 0.80, 0.68, 0.42
HSL	351°, 66%, 35%
HSV	351°, 80%, 58%
XYZ	13.2105, 7.4378, 3.5357
YIQ	67.3340, 64.5500, 30.6140

# Conversions

## Conversions Part 2

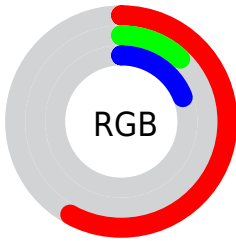
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	148, 30, 48
Decimal	9707056
CIE Lab	32.78, 48.72, 20.30
CIE LCh	33, 52.785, 22.621
Yxy	7.4378, 0.5462, 0.3076
Android (android.graphics.Color)	4287897136 (0xFF941E30)
YUV	67.3340, -9.5317, 70.7441
Hunter-Lab	27.2724, 38.7371, 11.4041

# Details

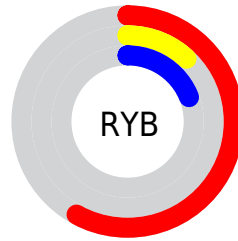
The Hex color **941E30** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **1E9482**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **D0565E**, and **5A0001** is the 20% darker color. If you saturate the color by 10%, you get **940F23**, and if you desaturate by 10%, it is **942D3D**.

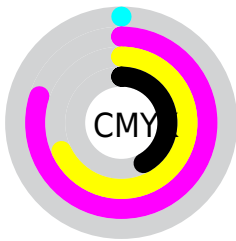
# Distribution



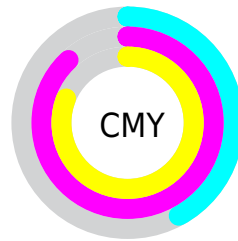
- Red (58%)
- Green (12%)
- Blue (19%)



- Red (58%)
- Yellow (12%)
- Blue (19%)



- Cyan (0%)
- Magenta (80%)
- Yellow (68%)
- Black (42%)



- Cyan (42%)
- Magenta (88%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 941E30 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 941E30 by changing the saturation by 10% instead.



 941E30

 941E30

FFFFFF

 77001B

 D0565E

 5A0001

 EE7176

 3F0001

 FF8C90

 1F0001

 FFA8AB

 000000

 FFC4C6

 FFE1E2

 FFFEFE

 941E30

 941E30

■ 940F23

■ 942D3D

■ 940017

■ 943C49

■ 944A56

■ 945962

■ 94686F

■ 94777B

■ 948688

■ 949494

■ 94A3A1

# Harmonies

## Analogous

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



911A59



941E30



843505

# Triad

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



941E30



005B14



0055A0

# Complementary

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



941E30



1E9482

# 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.



005D8F



941E30



005E41

# Square

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



941E30



405400



005F6C



2F479B

# Rectangle

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



941E30



724200



005F6C



00599D



# Sweetspot

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



941E30



BF9198



801E94



614549



E0E0E0



616161



# Same Dimension

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



941E30



BF0824



94451E



4A4344



8A0015



0A0002



# Inverse Universe

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



941E30



BF0824



1E6D94



4A4344



8A0015



0A0002



# Previews

## White Background



This preview shows how the Hex color 941E30 looks on a white background.

## Color Contrast Check

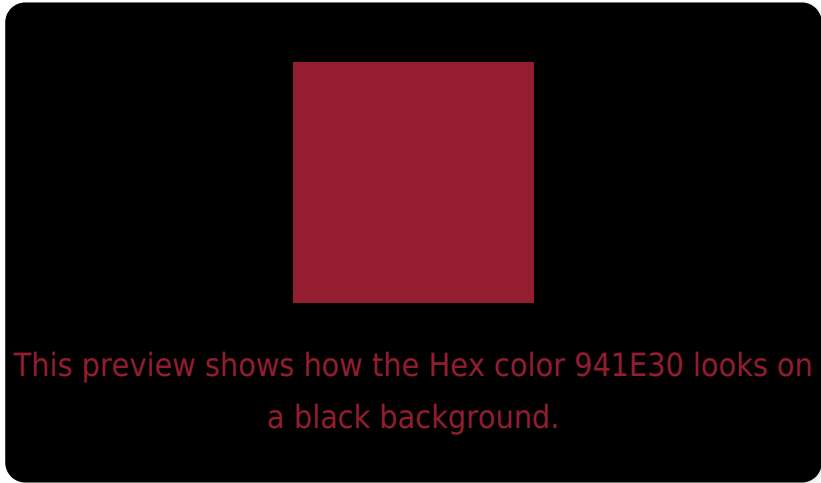
Large Text (above 18pt) WCAG AA ✓ Pass

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 941E30 Background



This preview shows how black text looks on a background with the Hex color 941E30.



This preview shows how white text looks on a background with the Hex color 941E30.

# 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**  
941E30

**Protanopia**  
534E43

**Deuteranopia**  
604B2A



# Trichromacy



**Original Color**  
941E30

**Protanomaly**  
6B3D3C

**Deuteranomaly**  
733B2C

**Tritanomaly**  
942027

# Monochromacy



**Original Color**  
941E30

**Achromatopsia**  
434343

**Achromatomaly**  
60363C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 941E30 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 #941E30 looks like.

```
.text, #text, p{  
    color:#941E30  
}
```

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 #941E30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #941E30
}
```

## Border

The CSS property to change the border of an element to Hex 941E30 is called "border". The border property can be set on classes, ids or directly on the HTML element.

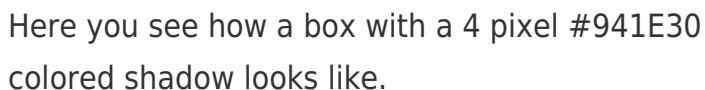
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#941E30 }
```

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

```
.border{ border-color:#941E30 }
```

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



Here you see how a box with a 4 pixel #941E30 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #941E30; -webkit-box-shadow:4px 4px  
4px 4px #941E30; box-shadow:4px 4px 4px  
4px #941E30 }
```

# Background

The CSS property to change the background color of an element to Hex 941E30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#941E30 }
```

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

```
.background{ background-color:#941E30 }
```

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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