

# Converting Colors

Hex(941D26)

Have a look what the booklet for  
Hex(941D26) contains.

<b>Hex(941D26)</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(941D26)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	941D26
RGB	148, 29, 38
RGB Percent	58%, 11%, 15%
CMY	0.4196, 0.8863, 0.8510
CMYK	0.00, 0.80, 0.74, 0.42
HSL	355°, 67%, 35%
HSV	355°, 80%, 58%
XYZ	13.0020, 7.3146, 2.5603
YIQ	65.6070, 68.0350, 28.0270

# Conversions

## Conversions Part 2

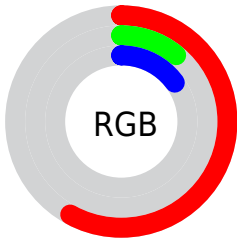
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	148, 29, 38
Decimal	9706790
CIE Lab	32.51, 48.52, 26.34
CIE LCh	33, 55.213, 28.499
Yxy	7.3146, 0.5683, 0.3197
Android (android.graphics.Color)	4287896870 (0xFF941D26)
YUV	65.6070, -13.6103, 72.2587
Hunter-Lab	27.0455, 38.4833, 13.3191

# Details

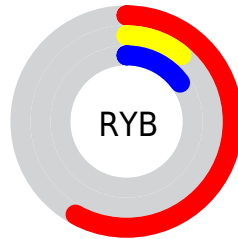
The Hex color **941D26** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **1D948B**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **D05553**, and **5A0000** is the 20% darker color. If you saturate the color by 10%, you get **940E18**, and if you desaturate by 10%, it is **942C34**.

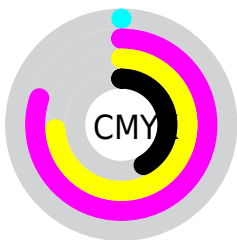
# Distribution



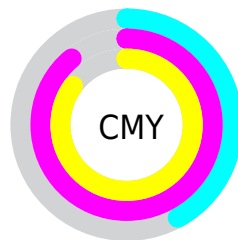
- Red (58%)
- Green (11%)
- Blue (15%)



- Red (58%)
- Yellow (11%)
- Blue (15%)



- Cyan (0%)
- Magenta (80%)
- Yellow (74%)
- Black (42%)



- Cyan (42%)
- Magenta (89%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 941D26 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 941D26 by changing the saturation by 10% instead.



 941D26

 941D26

FFFFFF

 760012

 D05553

 5A0000

 EF706B

 3E0001

 FF8B85

 1E0001

 FFA79F

 000000

 FFC3BA

 FFE0D5

 FFFDF2

 941D26

 941D26

■ 940E18

■ 942C34

■ 94000B

■ 943B41

■ 94494F

■ 94585D

■ 94676A

■ 947678

■ 948586

■ 949393

■ 94A2A1

# Harmonies

## Analogous

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



950F51



941D26



803700

# Triad

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



941D26



005C1A



0053A5

# Complementary

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



941D26



1D948B

# 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.



005C97



941D26



005F49

# Square

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



941D26



355600



005F75



41429A

# Rectangle

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



941D26



6C4500



005F75



0057A3



# Sweetspot

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



941D26



BF9195



8A1D94



614547



E0E0E0



616161



# Same Dimension

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



941D26



BF0816



944F1D



4A4343



8A000A



0A0001



# Inverse Universe

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



941D26



BF0816



1D6294



4A4343



8A000A



0A0001



# Previews

## White Background



This preview shows how the Hex color 941D26 looks on a white background.

## Color Contrast Check

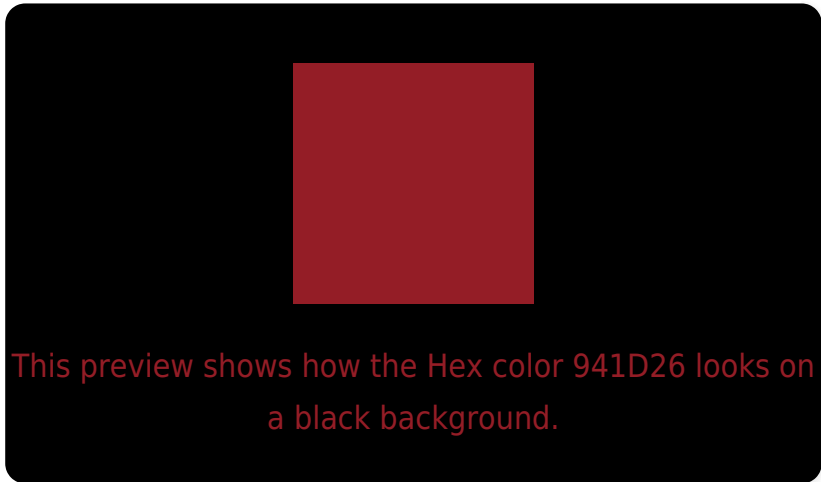
Large Text (above 18pt) WCAG AA ✓ Pass

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 941D26 Background



This preview shows how black text looks on a background with the Hex color 941D26.

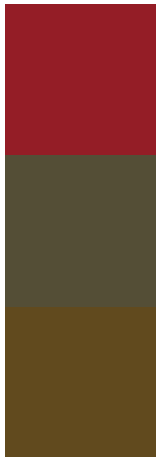


This preview shows how white text looks on a background with the Hex color 941D26.

# 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**  
941D26

**Protanopia**  
544E36

**Deuteranopia**  
614A1E



**Tritanopia**  
941E1E

# Trichromacy



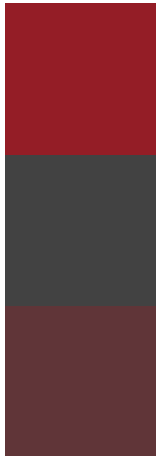
**Original Color**  
941D26

**Protanomaly**  
6B3C30

**Deuteranomaly**  
743A21

**Tritanomaly**  
941E21

# Monochromacy



**Original Color**  
941D26

**Achromatopsia**  
424242

**Achromatomaly**  
603538

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 941D26 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 #941D26 looks like.

```
.text, #text, p{  
    color:#941D26  
}
```

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 #941D26 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #941D26
}
```

## Border

The CSS property to change the border of an element to Hex 941D26 is called "border". The border property can be set on classes, ids or directly on the HTML element.

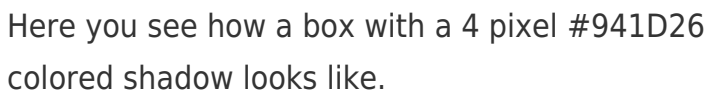
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#941D26 }
```

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

```
.border{ border-color:#941D26 }
```

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



Here you see how a box with a 4 pixel #941D26 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #941D26; -webkit-box-shadow:4px 4px  
4px 4px #941D26; box-shadow:4px 4px 4px  
4px #941D26 }
```

# Background

The CSS property to change the background color of an element to Hex 941D26 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#941D26 }
```

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

```
.background{ background-color:#941D26 }
```

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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