

Converting Colors

Hex(942E35)

Have a look what the booklet for
Hex(942E35) contains.

| | |
|--|----|
| Hex(942E35) | 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(942E35)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 942E35 |
| RGB | 148, 46, 53 |
| RGB Percent | 58%, 18%, 21% |
| CMY | 0.4196, 0.8196, 0.7922 |
| CMYK | 0.00, 0.69, 0.64, 0.42 |
| HSL | 356°, 53%, 38% |
| HSV | 356°, 69%, 58% |
| XYZ | 13.8323, 8.5069, 4.2811 |
| YIQ | 77.2960, 58.5450, 23.8010 |

Conversions

Conversions Part 2

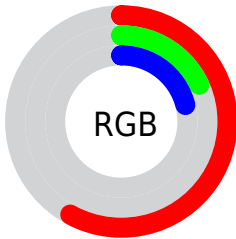
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 148, 46, 53 |
| Decimal | 9711157 |
| CIE _{Lab} | 35.02, 43.10, 19.95 |
| CIE _{LCh} | 35, 47.493, 24.841 |
| Yxy | 8.5069, 0.5196, 0.3196 |
| Android (android.graphics.Color) | 4287901237 (0xFF942E35) |
| YUV | 77.2960, -11.9779, 62.0074 |
| Hunter-Lab | 29.1666, 33.6124, 11.7140 |

Details

The Hex color **942E35** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **2E948D**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **CF6264**, and **5B0009** is the 20% darker color. If you saturate the color by 10%, you get **941F27**, and if you desaturate by 10%, it is **943D43**.

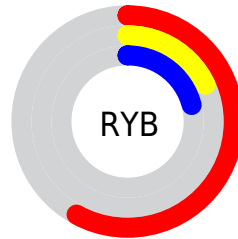
Distribution



Red (58%)

Green (18%)

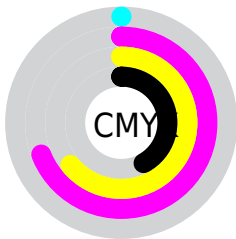
Blue (21%)



Red (58%)

Yellow (18%)

Blue (21%)

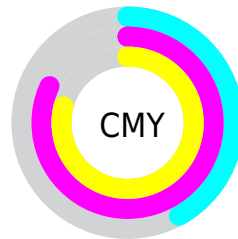


Cyan (0%)

Magenta (69%)

Yellow (64%)

Black (42%)



Cyan (42%)

Magenta (82%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 942E35 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 942E35 by changing the saturation by 10% instead.

■ 942E35

■ 942E35

FFFFFF

■ 771020

■ CF6264

■ 5B0009

■ ED7D7C

■ 3F0000

■ FF9896

■ 230001

■ FFB3B1

■ 000000

■ FFCFCC

■ FFECE9

■ 942E35

■ 942E35

■ 941F27

■ 943D43

 941019

 944C51

 94020C

 945A5E

 94000A

 94696C

 94787A

 948788

 949695

 94A4A3

 94B3B1

Harmonies

Analogous

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



922A5B



942E35



853E12

Triad

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



942E35



016023



00599E

Complementary

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



942E35



2E948D

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.



006190



942E35



00634A

Square

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



942E35



455A00



006371



434B98

Rectangle

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



942E35



744A00



006371



005C9C

Sweetspot

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



942E35



BF979A



8B2E94



61494A



E0E0E0



616161

Same Dimension

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



942E35



BF212B



94592E



4A4343



8A0009



0A0001

Inverse Universe

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



942E35



BF212B



2E6A94



4A4343



8A0009



0A0001

Previews

White Background



This preview shows how the Hex color 942E35 looks on a white background.

Color Contrast Check

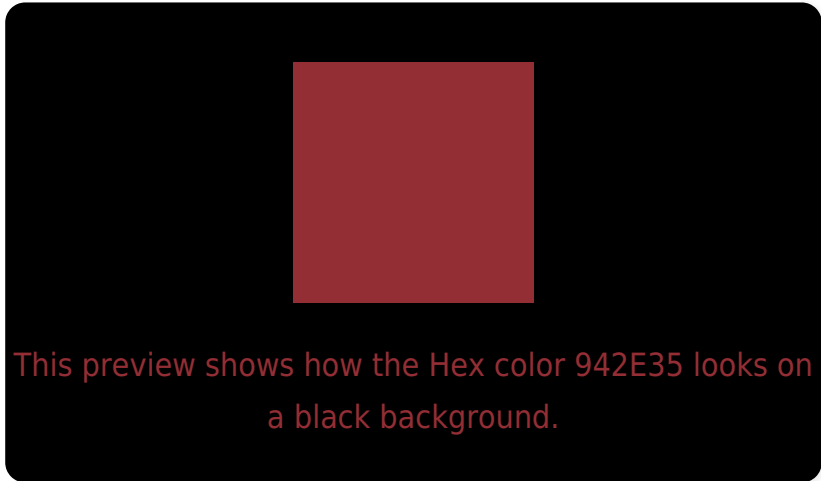
Large Text (above 18pt) WCAG AA ✓ Pass

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

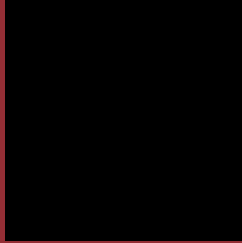
Any Text WCAG AA × Fail

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 942E35 Background



This preview shows how black text looks on a background with the Hex color 942E35.

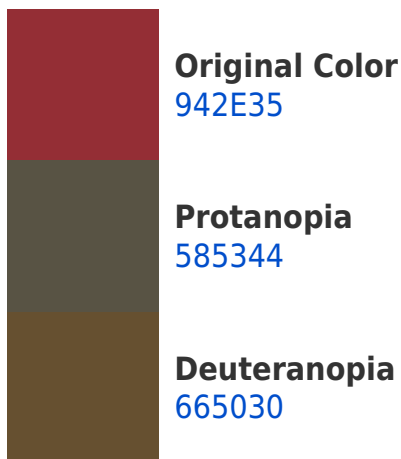


This preview shows how white text looks on a background with the Hex color 942E35.

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
942F31

Trichromacy



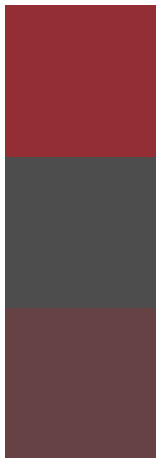
Original Color
942E35

Protanomaly
6E463F

Deuteranomaly
774432

Tritanomaly
942F32

Monochromacy



Original Color
942E35

Achromatopsia
4D4D4D

Achromatomaly
674244

CSS Examples

Text

The CSS property to change the color of the text to Hex 942E35 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 #942E35 looks like.

```
.text, #text, p{  
    color:#942E35  
}
```

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 #942E35 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #942E35
}
```

Border

The CSS property to change the border of an element to Hex 942E35 is called "border". The border property can be set on classes, ids or directly on the HTML element.

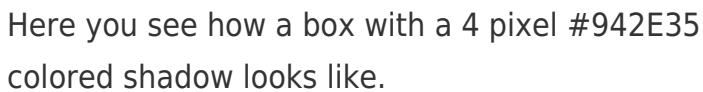
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#942E35 }
```

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

```
.border{ border-color:#942E35 }
```

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



Here you see how a box with a 4 pixel #942E35 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #942E35; -webkit-box-shadow:4px 4px  
4px 4px #942E35; box-shadow:4px 4px 4px  
4px #942E35 }
```

Background

The CSS property to change the background color of an element to Hex 942E35 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#942E35 }
```

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

```
.background{ background-color:#942E35 }
```

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