

Converting Colors

Hex(942F31)

Have a look what the booklet for
Hex(942F31) contains.

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Color

Hex(942F31)

Conversions

Conversions Part 1

Format	Color
Hex	942F31
RGB	148, 47, 49
RGB Percent	58%, 18%, 19%
CMY	0.4196, 0.8157, 0.8078
CMYK	0.00, 0.68, 0.67, 0.42
HSL	359°, 52%, 38%
HSV	359°, 68%, 58%
XYZ	13.7836, 8.5507, 3.8297
YIQ	77.4270, 59.5540, 22.0340

Conversions

Conversions Part 2

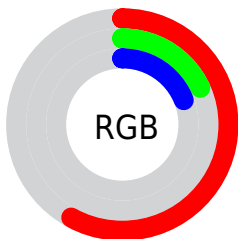
Format	Color
R_{YB}	148, 47, 49
Decimal	9711409
CIE _{Lab}	35.10, 42.41, 22.58
CIE _{LCh}	35, 48.051, 28.032
Yxy	8.5507, 0.5268, 0.3268
Android (android.graphics.Color)	4287901489 (0xFF942F31)
YUV	77.4270, -14.0145, 61.8925
Hunter-Lab	29.2415, 32.9671, 12.7040

Details

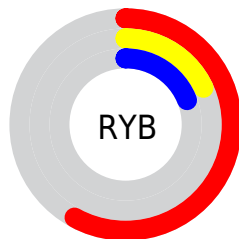
The Hex color **942F31** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **2F9492**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **CF635F**, and **5B0003** is the 20% darker color. If you saturate the color by 10%, you get **942022**, and if you desaturate by 10%, it is **943E40**.

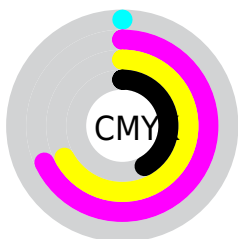
Distribution



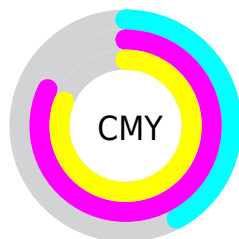
- Red (58%)
- Green (18%)
- Blue (19%)



- Red (58%)
- Yellow (18%)
- Blue (19%)



- Cyan (0%)
- Magenta (68%)
- Yellow (67%)
- Black (42%)



- Cyan (42%)
- Magenta (82%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 942F31 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 942F31 by changing the saturation by 10% instead.

 942F31

 942F31

FFFFFF

 77121C

 CF635F

 5B0003

 ED7D78

 3F0000

 FF9892

 230001

 FFB4AC

 000000

 FFD0C8

 FFEDE4

 942F31

 942F31

 942022

 943E40

■ 941114

■ 944D4E

■ 940305

■ 945B5D

■ 940003

■ 946A6B

■ 94797A

■ 948888

■ 949797

■ 94A5A5

■ 94B4B4

Harmonies

Analogous

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



942957



942F31



83400D

Triad

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



942F31



006127



0058A0

Complementary

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



942F31



2F9492

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.



006093



942F31



00644F

Square

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



942F31



415B00



006476



4B4997

Rectangle

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



942F31



714B00



006476



005B9E

Sweetspot

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



942F31



BF999A



912F94



614A4A



E0E0E0



616161

Same Dimension

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



942F31



BF2226



945E2F



4A4343



8A0003



0A0000

Inverse Universe

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



942F31



BF2226



2F6594



4A4343



8A0003



0A0000

Previews

White Background



This preview shows how the Hex color 942F31 looks on a white background.

Color Contrast Check

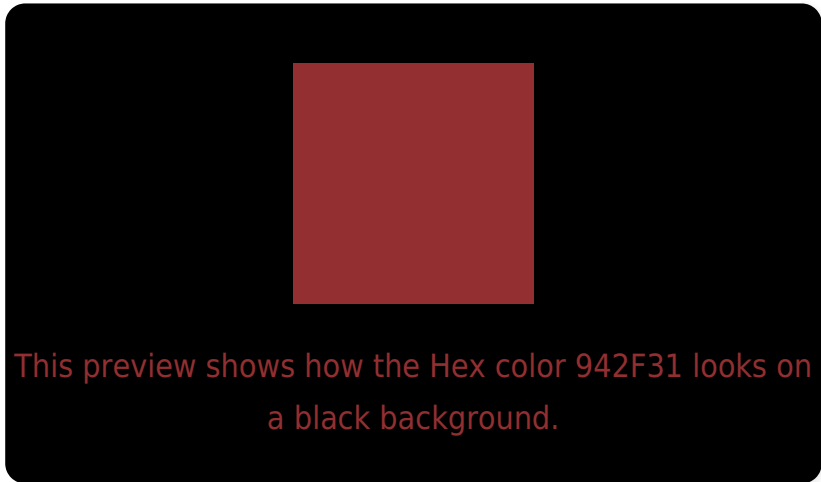
Large Text (above 18pt) WCAG AA ✓ Pass

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 942F31 Background



This preview shows how black text looks on a background with the Hex color 942F31.



This preview shows how white text looks on a background with the Hex color 942F31.

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
942F31

Protanopia
59543F

Deuteranopia
67502C



Tritanopia
942F31

Trichromacy



Original Color

942F31

Protanomaly

6E473A

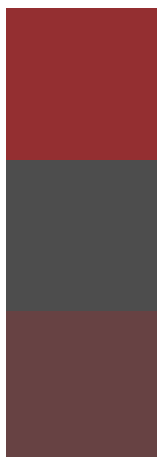
Deuteranomaly

77442E

Tritanomaly

942F31

Monochromacy



Original Color

942F31

Achromatopsia

4D4D4D

Achromatomaly

674243

CSS Examples

Text

The CSS property to change the color of the text to Hex 942F31 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 #942F31 looks like.

```
.text, #text, p{  
    color:#942F31  
}
```

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 #942F31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #942F31
}
```

Border

The CSS property to change the border of an element to Hex 942F31 is called "border". The border property can be set on classes, ids or directly on the HTML element.

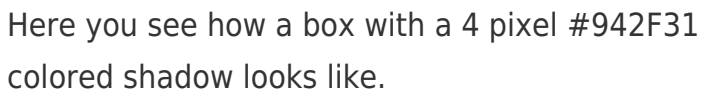
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#942F31 }
```

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

```
.border{ border-color:#942F31 }
```

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



Here you see how a box with a 4 pixel #942F31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #942F31; -webkit-box-shadow:4px 4px  
4px 4px #942F31; box-shadow:4px 4px 4px  
4px #942F31 }
```

Background

The CSS property to change the background color of an element to Hex 942F31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#942F31 }
```

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

```
.background{ background-color:#942F31 }
```

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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