

Converting Colors

Hex(940C41)

Have a look what the booklet for
Hex(940C41) contains.

Hex(940C41)	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(940C41)

Conversions

Conversions Part 1

Format	Color
Hex	940C41
RGB	148, 12, 65
RGB Percent	58%, 5%, 25%
CMY	0.4196, 0.9529, 0.7451
CMYK	0.00, 0.92, 0.56, 0.42
HSL	337°, 85%, 31%
HSV	337°, 92%, 58%
XYZ	13.2983, 6.9405, 5.6398
YIQ	58.7060, 64.0430, 45.3150

Conversions

Conversions Part 2

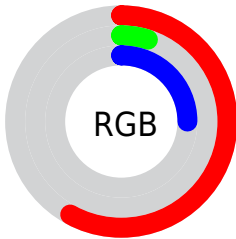
Format	Color
R_{YB}	148, 12, 65
Decimal	9702465
CIE _{Lab}	31.67, 54.09, 7.64
CIE _{LCh}	32, 54.629, 8.038
Yxy	6.9405, 0.5139, 0.2682
Android (android.graphics.Color)	4287892545 (0xFF940C41)
YUV	58.7060, 3.1029, 78.3108
Hunter-Lab	26.3448, 43.9998, 5.7489

Details

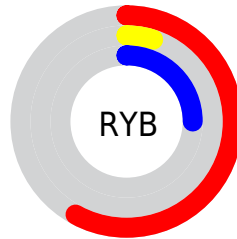
The Hex color **940C41** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **0C945F**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **CF4D70**, and **5A0017** is the 20% darker color. If you saturate the color by 10%, you get **94003A**, and if you desaturate by 10%, it is **941B4A**.

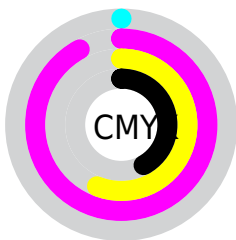
Distribution



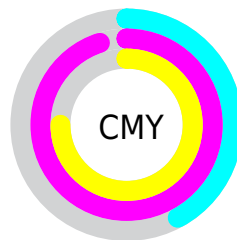
- Red (58%)
- Green (5%)
- Blue (25%)



- Red (58%)
- Yellow (5%)
- Blue (25%)



- Cyan (0%)
- Magenta (92%)
- Yellow (56%)
- Black (42%)



- Cyan (42%)
- Magenta (95%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 940C41 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 940C41 by changing the saturation by 10% instead.

 940C41

 940C41

FFFFFF

 77002B

 CF4D70

 5A0017

 EE698A

 400002

 FF84A4

 200001

 FFA0BF

 000000

 FFBDDB

 FFD9F7

 FFF7FF

 940C41

 940C41

■ 94003A

■ 941B4A

■ 942A53

■ 94385C

■ 944765

■ 94566E

■ 946577

■ 947480

■ 948289

■ 949192

Harmonies

Analogous

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



851D6B



940C41



8C2417

Triad

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



940C41



205600



00589B

Complementary

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



940C41



0C945F

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.



005C7F



940C41



005B28

Square

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



940C41



524C00



005D55



004CA1

Rectangle

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



940C41



7E3500



005D55



005A93

Sweetspot

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



940C41



BF8A9F



5E0C94



61404D



E0E0E0



616161

Same Dimension

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



940C41



BF004B



941A0C



4A4345



8A0036



0A0004

Inverse Universe

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



940C41



BF004B



0C8694



4A4345



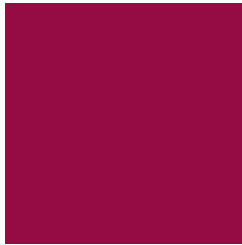
8A0036



0A0004

Previews

White Background



This preview shows how the Hex color 940C41 looks on a white background.

Color Contrast Check

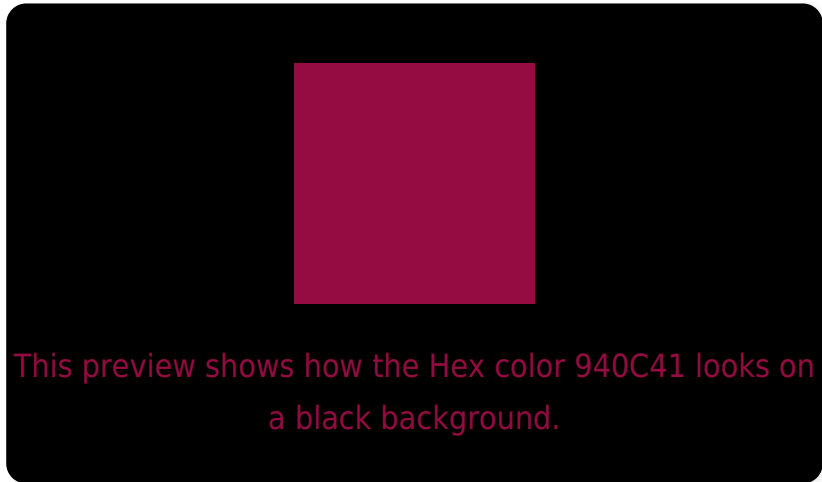
Large Text (above 18pt) WCAG AA ✓ Pass

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 940C41 Background



This preview shows how black text looks on a background with the Hex color 940C41.

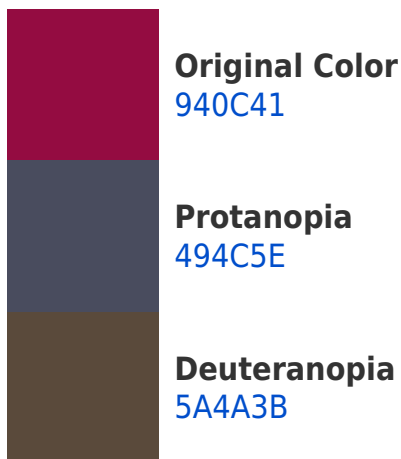


This preview shows how white text looks on a background with the Hex color 940C41.

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
921C1B

Trichromacy



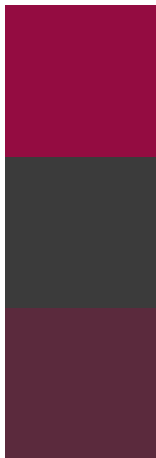
Original Color
940C41

Protanomaly
643553

Deuteranomaly
6F333D

Tritanomaly
931629

Monochromacy



Original Color
940C41

Achromatopsia
3B3B3B

Achromatomaly
5B2A3D

CSS Examples

Text

The CSS property to change the color of the text to Hex 940C41 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 #940C41 looks like.

```
.text, #text, p{  
    color:#940C41  
}
```

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 #940C41 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #940C41
}
```

Border

The CSS property to change the border of an element to Hex 940C41 is called "border". The border property can be set on classes, ids or directly on the HTML element.

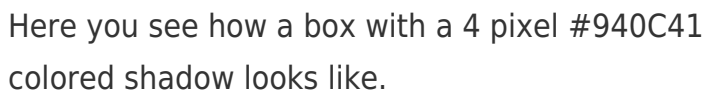
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#940C41 }
```

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

```
.border{ border-color:#940C41 }
```

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



Here you see how a box with a 4 pixel #940C41 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #940C41; -webkit-box-shadow:4px 4px  
4px 4px #940C41; box-shadow:4px 4px 4px  
4px #940C41 }
```

Background

The CSS property to change the background color of an element to Hex 940C41 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#940C41 }
```

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

```
.background{ background-color:#940C41 }
```

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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