

Converting Colors

Hex(940E90)

Have a look what the booklet for
Hex(940E90) contains.

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Color

Hex(940E90)

Conversions

Conversions Part 1

Format	Color
Hex	940E90
RGB	148, 14, 144
RGB Percent	58%, 5%, 56%
CMY	0.4196, 0.9451, 0.4353
CMYK	0.00, 0.91, 0.03, 0.42
HSL	302°, 83%, 32%
HSV	302°, 91%, 58%
XYZ	17.4038, 8.6236, 27.1328
YIQ	68.8860, 38.1340, 68.8380

Conversions

Conversions Part 2

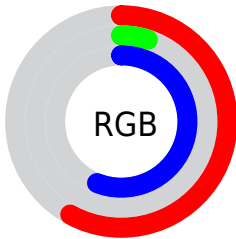
Format	Color
R_{YB}	148, 14, 144
Decimal	9703056
CIE _{Lab}	35.25, 63.02, -37.50
CIE _{LCh}	35, 73.335, 329.250
Yxy	8.6236, 0.3274, 0.1622
Android (android.graphics.Color)	4287893136 (0xFF940E90)
YUV	68.8860, 37.0312, 69.3830
Hunter-Lab	29.3660, 54.3982, -34.2251

Details

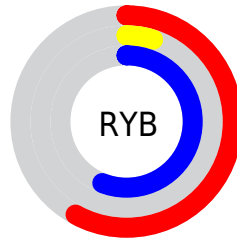
The Hex color **940E90** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **0E9412**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **CD52C6**, and **5D005D** is the 20% darker color. If you saturate the color by 10%, you get **940090**, and if you desaturate by 10%, it is **941D90**.

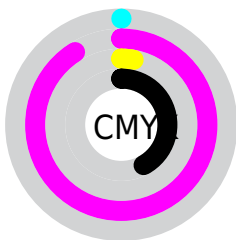
Distribution



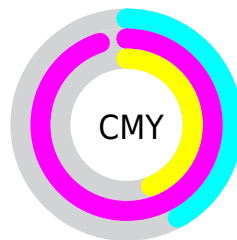
- Red (58%)
- Green (5%)
- Blue (56%)



- Red (58%)
- Yellow (5%)
- Blue (56%)



- Cyan (0%)
- Magenta (91%)
- Yellow (3%)
- Black (42%)



- Cyan (42%)
- Magenta (95%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 940E90 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 940E90 by changing the saturation by 10% instead.



940E90



940E90

FFFFFF



780076



CD52C6



5D005D



EB6EE3



420045



FF8AFF



28002E



FFA6FF



000118



FFC3FF



000000



FFE0FF



FFFEFF



940E90



940E90

■ 940090

■ 941D90

■ 942C91

■ 943A91

■ 944992

■ 945892

■ 946793

■ 947693

■ 948494

■ 949394

Harmonies

Analogous

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



3C44BB



940E90



B20057

Triad

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



940E90



675100



006A8B

Complementary

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



940E90



0E9412

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.



006950



940E90



2A5F00

Square

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



940E90



933400



00660A



0067B9

Rectangle

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



940E90



B30031



00660A



006A78

Sweetspot

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



940E90



BF8CBE



100E94



614260



E0E0E0



616161

Same Dimension

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



940E90



BF00BA



940E4F



4A434A



8A0086



0A000A

Inverse Universe

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



940E90



BF00BA



0E9453



4A434A



8A0086



0A000A

Previews

White Background



This preview shows how the Hex color 940E90 looks on a white background.

Color Contrast Check

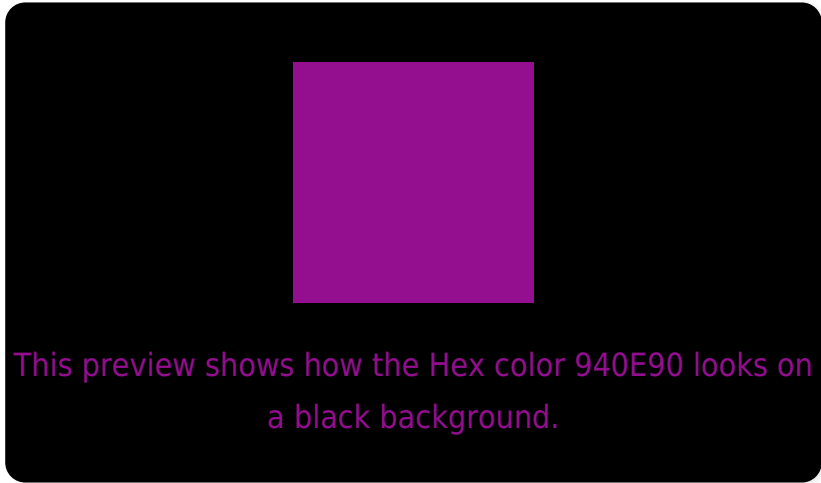
Large Text (above 18pt) WCAG AA ✓ Pass

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

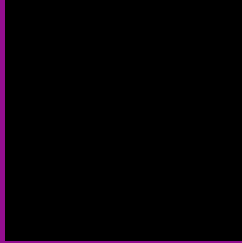
Any Text WCAG AA × Fail

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 940E90 Background



This preview shows how black text looks on a background with the Hex color 940E90.




This preview shows how white text looks on a background with the Hex color 940E90.

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
8B3A3D

Trichromacy



Original Color
940E90



Protanomaly
3639A2



Deuteranomaly
593B8A



Tritanomaly
8E2A5B

Monochromacy



Original Color
940E90



Achromatopsia
454545



Achromatomaly
623160

CSS Examples

Text

The CSS property to change the color of the text to Hex 940E90 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 #940E90 looks like.

```
.text, #text, p{  
    color:#940E90  
}
```

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 #940E90 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #940E90
}
```

Border

The CSS property to change the border of an element to Hex 940E90 is called "border". The border property can be set on classes, ids or directly on the HTML element.

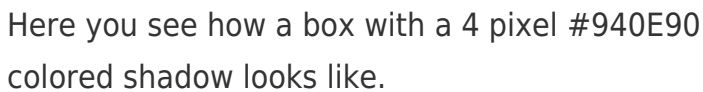
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#940E90 }
```

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

```
.border{ border-color:#940E90 }
```

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



Here you see how a box with a 4 pixel #940E90 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #940E90; -webkit-box-shadow:4px 4px  
4px 4px #940E90; box-shadow:4px 4px 4px  
4px #940E90 }
```

Background

The CSS property to change the background color of an element to Hex 940E90 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#940E90 }
```

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

```
.background{ background-color:#940E90 }
```

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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