

Converting Colors

Hex(930A49)

Have a look what the booklet for
Hex(930A49) contains.

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Color

Hex(930A49)

Conversions

Conversions Part 1

Format	Color
Hex	930A49
RGB	147, 10, 73
RGB Percent	58%, 4%, 29%
CMY	0.4235, 0.9608, 0.7137
CMYK	0.00, 0.93, 0.50, 0.42
HSL	332°, 87%, 31%
HSV	332°, 93%, 58%
XYZ	13.3438, 6.9012, 6.9321
YIQ	58.1450, 61.4290, 48.6370

Conversions

Conversions Part 2

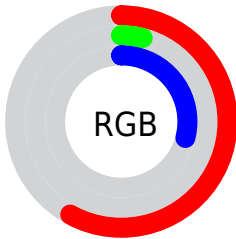
Format	Color
R_{YB}	147, 10, 73
Decimal	9636425
CIE _{Lab}	31.58, 54.78, 2.18
CIE _{LCh}	32, 54.820, 2.274
Yxy	6.9012, 0.4910, 0.2539
Android (android.graphics.Color)	4287826505 (0xFF930A49)
YUV	58.1450, 7.3235, 77.9258
Hunter-Lab	26.2701, 44.6956, 2.7437

Details

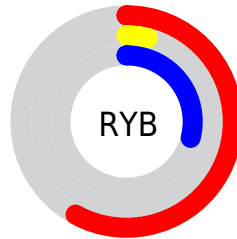
The Hex color **930A49** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **0A9354**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **CE4D79**, and **5A001E** is the 20% darker color. If you saturate the color by 10%, you get **930044**, and if you desaturate by 10%, it is **931951**.

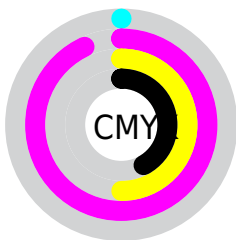
Distribution



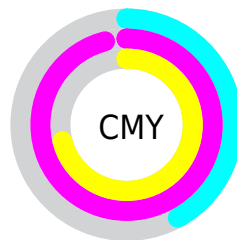
- Red (58%)
- Green (4%)
- Blue (29%)



- Red (58%)
- Yellow (4%)
- Blue (29%)



- Cyan (0%)
- Magenta (93%)
- Yellow (50%)
- Black (42%)



- Cyan (42%)
- Magenta (96%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 930A49 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 930A49 by changing the saturation by 10% instead.

 930A49

 930A49

FFFFFF

 760033

 CE4D79

 5A001E

 EC6893

 400003

 FF84AE

 200001

 FFA0C9

 000000

 FFBCE5

 FFD9FF

 FFF6FF

 930A49

 930A49

■ 930044

■ 931951

■ 932759

■ 933661

■ 934569

■ 935471

■ 936279

■ 937181

■ 938089

■ 938E90

Harmonies

Analogous

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



7F2273



930A49



8F1E1F

Triad

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



930A49



2C5400



005997

Complementary

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



930A49



0A9354

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.



005C77



930A49



005A1F

Square

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



930A49



594A00



005C4D



004FA1

Rectangle

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



930A49



823000



005C4D



005A8E

Sweetspot

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



930A49



BF8AA2



530A93



61404F



E0E0E0



616161

Same Dimension

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



930A49



BF0058



930F0A



4A4346



8A003F



0A0005

Inverse Universe

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



930A49



BF0058



0A8E93



4A4346



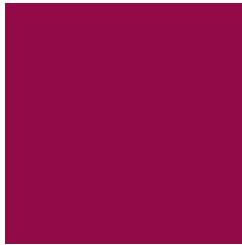
8A003F



0A0005

Previews

White Background



This preview shows how the Hex color 930A49 looks on a white background.

Color Contrast Check

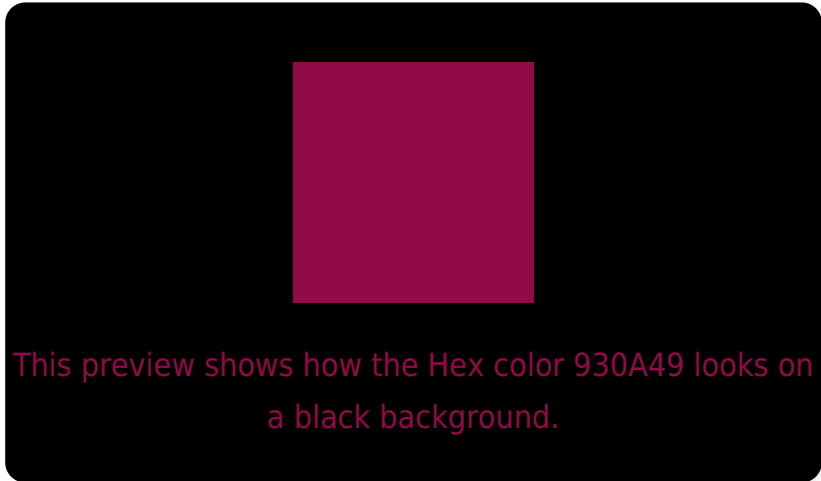
Large Text (above 18pt) WCAG AA ✓ Pass

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 930A49 Background



This preview shows how black text looks on a background with the Hex color 930A49.



This preview shows how white text looks on a background with the Hex color 930A49.

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
930A49

Protanopia
444C69

Deuteranopia
584A43

Trichromacy



Original Color
930A49

Protanomaly
61345D

Deuteranomaly
6D3345

Tritanomaly
92172E

Monochromacy



Original Color
930A49

Achromatopsia
3A3A3A

Achromatomaly
5A293F

CSS Examples

Text

The CSS property to change the color of the text to Hex 930A49 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 #930A49 looks like.

```
.text, #text, p{  
  color:#930A49  
}
```

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 #930A49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #930A49
}
```

Border

The CSS property to change the border of an element to Hex 930A49 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".

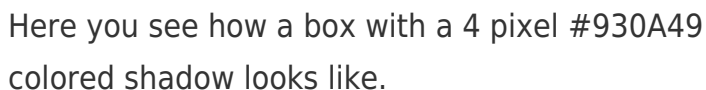
```
.border, #border, table{ border:4px solid
#930A49 }
```

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

```
.border{ border-color:#930A49 }
```

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

Here you see how a box with a 4 pixel #930A49 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border on the top and left sides, and a thicker dark red shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #930A49; -webkit-box-shadow:4px 4px  
4px 4px #930A49; box-shadow:4px 4px 4px  
4px #930A49 }
```

Background

The CSS property to change the background color of an element to Hex 930A49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#930A49 }
```

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

```
.background{ background-color:#930A49 }
```

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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