

Converting Colors

Hex(932981)

Have a look what the booklet for
Hex(932981) contains.

Hex(932981)	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(932981)

Conversions

Conversions Part 1

Format	Color
Hex	932981
RGB	147, 41, 129
RGB Percent	58%, 16%, 51%
CMY	0.4235, 0.8392, 0.4941
CMYK	0.00, 0.72, 0.12, 0.42
HSL	310°, 56%, 37%
HSV	310°, 72%, 58%
XYZ	16.7880, 9.3739, 21.6934
YIQ	82.7260, 34.9280, 49.8400

Conversions

Conversions Part 2

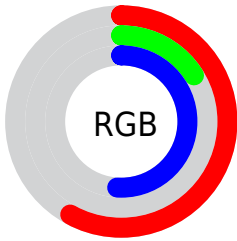
Format	Color
R_{YB}	147, 41, 129
Decimal	9644417
CIE _{Lab}	36.69, 53.41, -25.96
CIE _{LCh}	37, 59.381, 334.077
Yxy	9.3739, 0.3508, 0.1959
Android (android.graphics.Color)	4287834497 (0xFF932981)
YUV	82.7260, 22.8131, 56.3683
Hunter-Lab	30.6168, 44.2968, -20.5779

Details

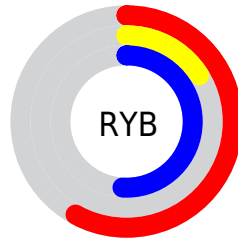
The Hex color **932981** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **29933B**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **CC60B6**, and **5D004F** is the 20% darker color. If you saturate the color by 10%, you get **931A7F**, and if you desaturate by 10%, it is **933883**.

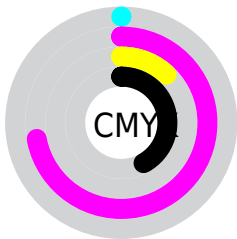
Distribution



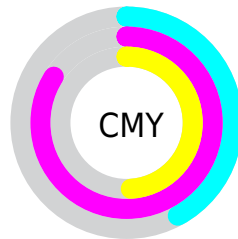
- Red (58%)
- Green (16%)
- Blue (51%)



- Red (58%)
- Yellow (16%)
- Blue (51%)



- Cyan (0%)
- Magenta (72%)
- Yellow (12%)
- Black (42%)



- Cyan (42%)
- Magenta (84%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 932981 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 932981 by changing the saturation by 10% instead.

932981

932981

FFFFFF

780268

CC60B6

5D004F

E97BD2

420038

FF97EE

2B0022

FFB3FF

000007

FFCFFF

000000

FFECFF

932981

932981

931A7F

933883

930C7C

934686

93007A

935588

93648B

93728D

938190

939092

939F95

93AD97

Harmonies

Analogous

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



5B46A6



932981



A81352

Triad

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



932981



645700



006A8B

Complementary

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



932981



29933B

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.



006B5C



932981



316200

Square

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



932981



894300



006829



0066AD

Rectangle

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



932981



A71F33



006829



006B7C

Sweetspot

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



932981



BF95B8



3B2993



61485D



E0E0E0



616161

Same Dimension

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



932981



BF19A3



93294C



4A4349



8A0072



0A0008

Inverse Universe

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



932981



BF19A3



299370



4A4349



8A0072



0A0008

Previews

White Background



This preview shows how the Hex color 932981 looks on a white background.

Color Contrast Check

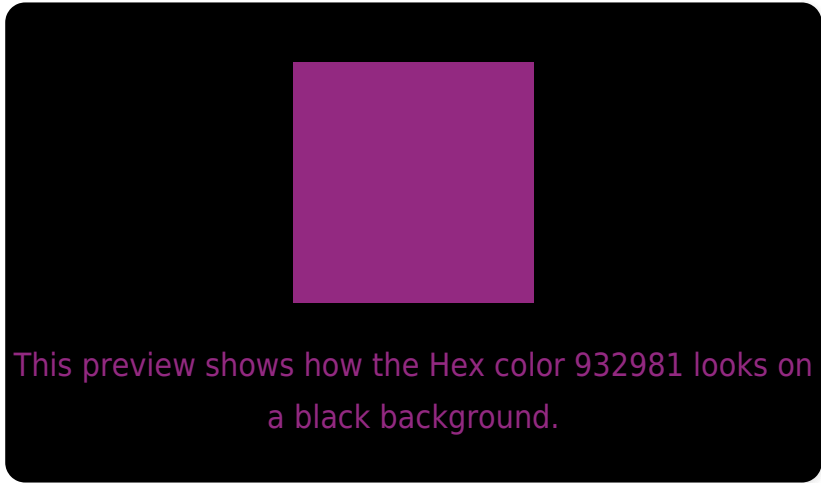
Large Text (above 18pt) WCAG AA ✓ Pass

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

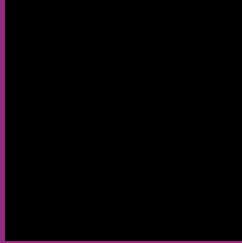
Any Text WCAG AA × Fail

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 932981 Background



This preview shows how black text looks on a background with the Hex color 932981.



This preview shows how white text looks on a background with the Hex color 932981.

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
8D3E42

Trichromacy



Original Color
932981



Protanomaly
504599



Deuteranomaly
65467D



Tritanomaly
8F3659

Monochromacy



Original Color
932981



Achromatopsia
535353



Achromatomaly
6A4464

CSS Examples

Text

The CSS property to change the color of the text to Hex 932981 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 #932981 looks like.

```
.text, #text, p{  
    color:#932981  
}
```

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 #932981 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #932981
}
```

Border

The CSS property to change the border of an element to Hex 932981 is called "border". The border property can be set on classes, ids or directly on the HTML element.

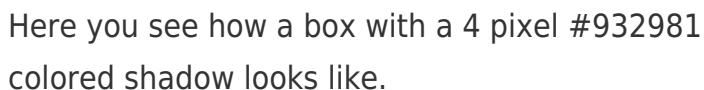
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#932981 }
```

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

```
.border{ border-color:#932981 }
```

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



Here you see how a box with a 4 pixel #932981 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #932981; -webkit-box-shadow:4px 4px  
4px 4px #932981; box-shadow:4px 4px 4px  
4px #932981 }
```

Background

The CSS property to change the background color of an element to Hex 932981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#932981 }
```

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

```
.background{ background-color:#932981 }
```

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