

# Converting Colors

Hex(933272)

Have a look what the booklet for  
Hex(933272) contains.

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**Color**

**Hex(933272)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | 933272                    |
| RGB           | 147, 50, 114              |
| RGB Percent   | 58%, 20%, 45%             |
| CMY           | 0.4235, 0.8039, 0.5529    |
| CMYK          | 0.00, 0.66, 0.22, 0.42    |
| HSL           | 320°, 49%, 39%            |
| HSV           | 320°, 66%, 58%            |
| XYZ           | 16.2105, 9.6992, 16.9373  |
| YIQ           | 86.2990, 37.2680, 40.4680 |

# Conversions

## Conversions Part 2

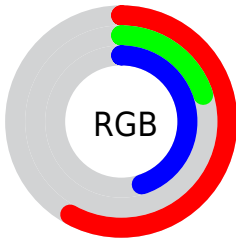
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 147, 50, 114                  |
| Decimal                             | 9646706                       |
| CIE <sub>Lab</sub>                  | 37.30, 47.55, -15.67          |
| CIE <sub>LCh</sub>                  | 37, 50.070, 341.761           |
| Yxy                                 | 9.6992, 0.3783,<br>0.2264     |
| Android<br>(android.graphics.Color) | 4287836786<br>(0xFF933272)    |
| YUV                                 | 86.2990, 13.6566,<br>53.2348  |
| Hunter-Lab                          | 31.1435, 38.4100,<br>-10.4444 |

# Details

The Hex color **933272** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **329353**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **CC67A6**, and **5D0042** is the 20% darker color. If you saturate the color by 10%, you get **93236D**, and if you desaturate by 10%, it is **934177**.

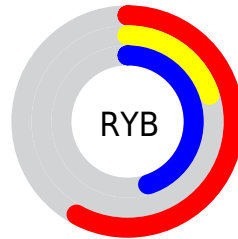
# Distribution



Red (58%)

Green (20%)

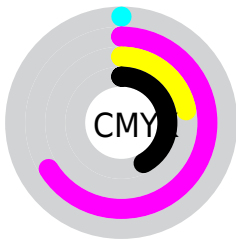
Blue (45%)



Red (58%)

Yellow (20%)

Blue (45%)

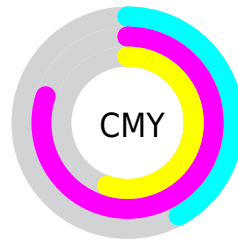


Cyan (0%)

Magenta (66%)

Yellow (22%)

Black (42%)



Cyan (42%)

Magenta (80%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 933272 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 933272 by changing the saturation by 10% instead.



933272

933272

FFFFFF

781459

CC67A6

5D0042

E982C1

43002C

FF9DDD

2B0017

FFB9FA

000000

FFD5FF

FFF2FF

933272

933272

93236D

934177

931568

934F7C

930663

935E81

930061

936D86

937B8B

938A90

939995

93A89A

93B69F

# Harmonies

## Analogous

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



6D4595



933272



9F2C4A

# Triad

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



933272



5C5B00



00698D

# Complementary

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



933272



329353

# 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.



006A67



933272



2D6414

# Square

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



933272



7E4D00



00693D



0063A5

# Rectangle

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



933272



9B3430



00693D



006A81



# Sweetspot

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



933272



BF99B2



523293



614A59



E0E0E0



616161



# Same Dimension

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



933272



BF288C



933242



4A4347



8A005B



0A0007



# Inverse Universe

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



933272



BF288C



329383



4A4347



8A005B



0A0007



# Previews

## White Background



This preview shows how the Hex color 933272 looks on a white background.

## Color Contrast Check

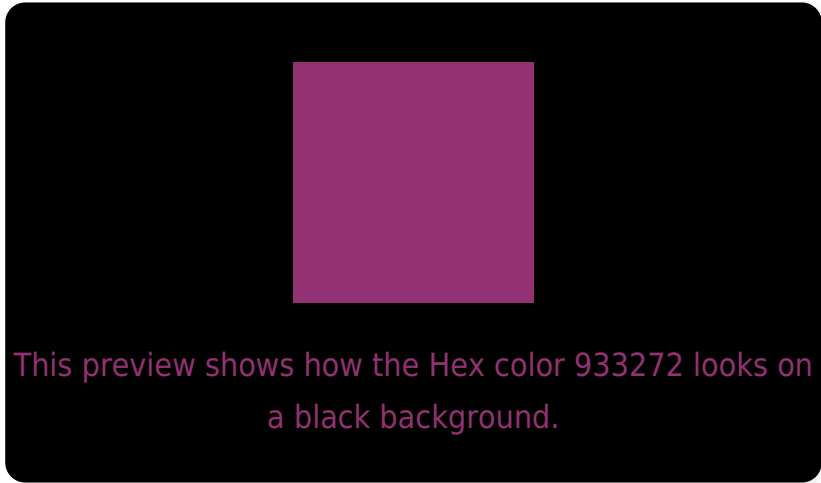
Large Text (above 18pt) WCAG AA ✓ Pass

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 933272 Background



This preview shows how black text looks on a background with the Hex color 933272.

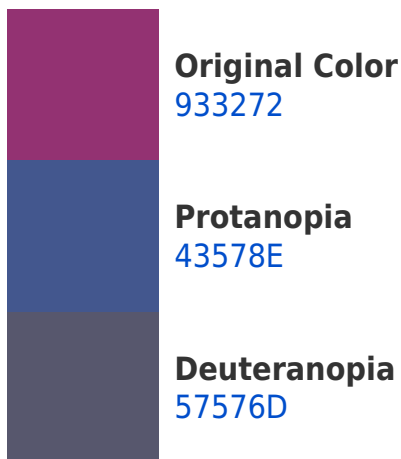


This preview shows how white text looks on a background with the Hex color 933272.

# 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**  
8F3F43

# Trichromacy



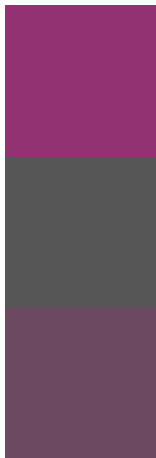
**Original Color**  
933272

**Protanomaly**  
604A84

**Deuteranomaly**  
6D4A6F

**Tritanomaly**  
903A54

# Monochromacy



**Original Color**  
933272

**Achromatopsia**  
565656

**Achromatomaly**  
6C4960

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 933272 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 #933272 looks like.

```
.text, #text, p{  
  color:#933272  
}
```

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 #933272 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #933272
}
```

## Border

The CSS property to change the border of an element to Hex 933272 is called "border". The border property can be set on classes, ids or directly on the HTML element.

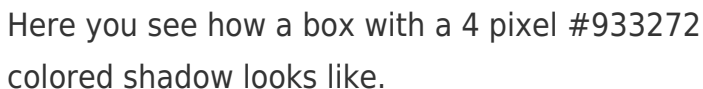
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#933272 }
```

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

```
.border{ border-color:#933272 }
```

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



Here you see how a box with a 4 pixel #933272 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #933272; -webkit-box-shadow:4px 4px  
4px 4px #933272; box-shadow:4px 4px 4px  
4px #933272 }
```

# Background

The CSS property to change the background color of an element to Hex 933272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#933272 }
```

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

```
.background{ background-color:#933272 }
```

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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