

# Converting Colors

Hex(963172)

Have a look what the booklet for  
Hex(963172) contains.

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**Color**

**Hex(963172)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	963172
RGB	150, 49, 114
RGB Percent	59%, 19%, 45%
CMY	0.4118, 0.8078, 0.5529
CMYK	0.00, 0.67, 0.24, 0.41
HSL	321°, 51%, 39%
HSV	321°, 67%, 59%
XYZ	16.7133, 9.8956, 16.9487
YIQ	86.6090, 39.3310, 41.6270

# Conversions

## Conversions Part 2

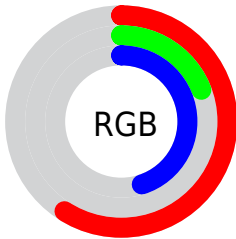
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">150, 49, 114</a>
Decimal	<a href="#">9843058</a>
CIELab	<a href="#">37.65, 48.85, -15.08</a>
CIElCh	<a href="#">38, 51.126, 342.847</a>
Yxy	<a href="#">9.8956, 0.3837, 0.2272</a>
Android (android.graphics.Color)	<a href="#">4288033138 (0xFF963172)</a>
YUV	<a href="#">86.6090, 13.5038, 55.5939</a>
Hunter-Lab	<a href="#">31.4572, 39.7871, -9.9246</a>

# Details

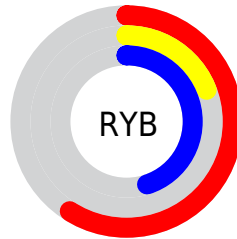
The Hex color **963172** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **319655**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **CF66A6**, and **5F0042** is the 20% darker color. If you saturate the color by 10%, you get **96226D**, and if you desaturate by 10%, it is **964077**.

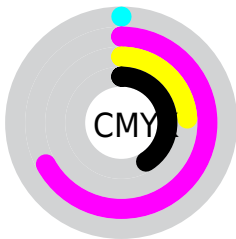
# Distribution



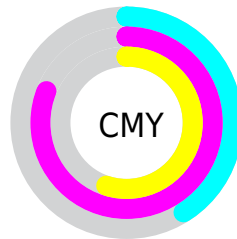
- Red (59%)
- Green (19%)
- Blue (45%)



- Red (59%)
- Yellow (19%)
- Blue (45%)



- Cyan (0%)
- Magenta (67%)
- Yellow (24%)
- Black (41%)



- Cyan (41%)
- Magenta (81%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 963172 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 963172 by changing the saturation by 10% instead.



963172

963172

FFFFFF

7A1259

CF66A6

5F0042

EC81C1

45002C

FF9DDD

2E0017

FFB9FA

000000

FFD5FF

FFF2FF

963172

963172

96226D

964077

961367

964F7D

960462

965E82

960061

966D87

967C8D

968B92

969A97

96A99D

96B8A2

# Harmonies

## Analogous

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



704596



963172



A22C49

# Triad

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



963172



5B5C00



006A90

# Complementary

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



963172



319655

# 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.



006B6A



963172



2A6514

# Square

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



963172



7F4E00



006A3F



0064A8

# Rectangle

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



963172



9D352E



006A3F



006B85



# Sweetspot

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



963172



C29BB4



543196



614A59



E0E0E0



616161



# Same Dimension

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



963172



C2258A



963140



4A4347



8A0059



0A0007



# Inverse Universe

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



963172



C2258A



319687



4A4347



8A0059



0A0007



# Previews

## White Background



This preview shows how the Hex color 963172 looks on a white background.

## Color Contrast Check

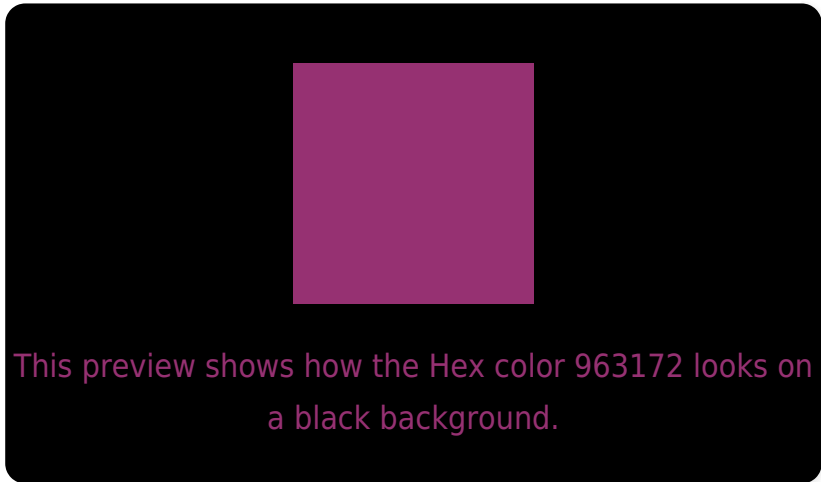
Large Text (above 18pt) WCAG AA ✓ Pass

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 963172 Background



This preview shows how black text looks on a background with the Hex color 963172.




This preview shows how white text looks on a background with the Hex color 963172.

# 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**  
923E42

# Trichromacy



**Original Color**  
963172



**Protanomaly**  
624A84



**Deuteranomaly**  
6F4A6E

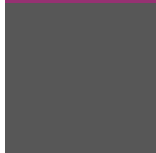


**Tritanomaly**  
933953

# Monochromacy



**Original Color**  
963172



**Achromatopsia**  
575757



**Achromatomaly**  
6E4961

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 963172 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 #963172 looks like.

```
.text, #text, p{  
    color:#963172  
}
```

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 #963172 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #963172
}
```

## Border

The CSS property to change the border of an element to Hex 963172 is called "border". The border property can be set on classes, ids or directly on the HTML element.

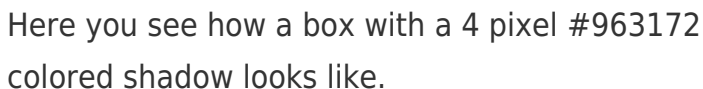
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#963172 }
```

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

```
.border{ border-color:#963172 }
```

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



Here you see how a box with a 4 pixel #963172 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #963172; -webkit-box-shadow:4px 4px  
4px 4px #963172; box-shadow:4px 4px 4px  
4px #963172 }
```

# Background

The CSS property to change the background color of an element to Hex 963172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#963172 }
```

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

```
.background{ background-color:#963172 }
```

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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