

# Converting Colors

Hex(960341)

Have a look what the booklet for  
Hex(960341) contains.

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**Color**

**Hex(960341)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	960341
RGB	150, 3, 65
RGB Percent	59%, 1%, 25%
CMY	0.4118, 0.9882, 0.7451
CMYK	0.00, 0.98, 0.57, 0.41
HSL	335°, 96%, 30%
HSV	335°, 98%, 59%
XYZ	13.5644, 6.9308, 5.6239
YIQ	54.0210, 67.7100, 50.4460

# Conversions

## Conversions Part 2

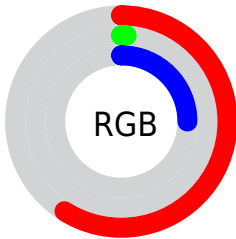
<b>Format</b>	<b>Color</b>
<b>RYB</b>	150, 3, 65
Decimal	9831233
CIELab	31.65, 55.91, 7.67
CIELCh	32, 56.431, 7.812
Yxy	6.9308, 0.5193, 0.2654
Android (android.graphics.Color)	4288021313 (0xFF960341)
YUV	54.0210, 5.4126, 84.1736
Hunter-Lab	26.3264, 45.8987, 5.7629

# Details

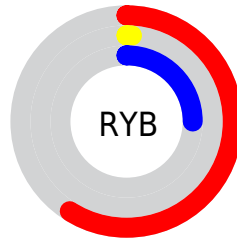
The Hex color **960341** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **039658**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **D24B70**, and **5C0017** is the 20% darker color. If you saturate the color by 10%, you get **96003F**, and if you desaturate by 10%, it is **96124A**.

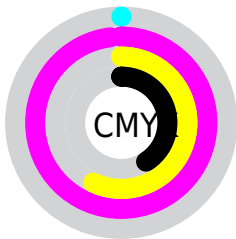
# Distribution



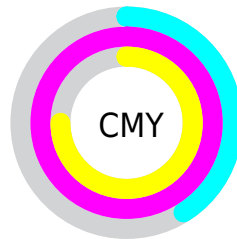
- Red (59%)
- Green (1%)
- Blue (25%)



- Red (59%)
- Yellow (1%)
- Blue (25%)



- Cyan (0%)
- Magenta (98%)
- Yellow (57%)
- Black (41%)



- Cyan (41%)
- Magenta (99%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 960341 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 960341 by changing the saturation by 10% instead.



960341

960341

FFFFFF

79002B

D24B70

5C0017

F0678A

420002

FF82A4

220001

FF9EBF

000000

FFBDBD

FFD8F7

FFF5FF

960341

960341

■ 96003F

■ 96124A

■ 962152

■ 96305B

■ 963F64

■ 964E6C

■ 965D75

■ 966C7E

■ 967B86

■ 968A8F

# Harmonies

## Analogous

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



861A6D



960341



8E2116

# Triad

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



960341



1E5600



00589D

# Complementary

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



960341



039658

# 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.



005D80



960341



005B26

# Square

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



960341



524C00



005D55



004DA3

# Rectangle

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



960341



7F3400



005D55



005A96



# Sweetspot

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



960341



C28AA1



560396



613F4D



E0E0E0



616161



# Same Dimension

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



960341



C20052



960D03



4A4346



8A003A



0A0004



# Inverse Universe

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



960341



C20052



038C96



4A4346



8A003A



0A0004



# Previews

## White Background



This preview shows how the Hex color 960341 looks on a white background.

## Color Contrast Check

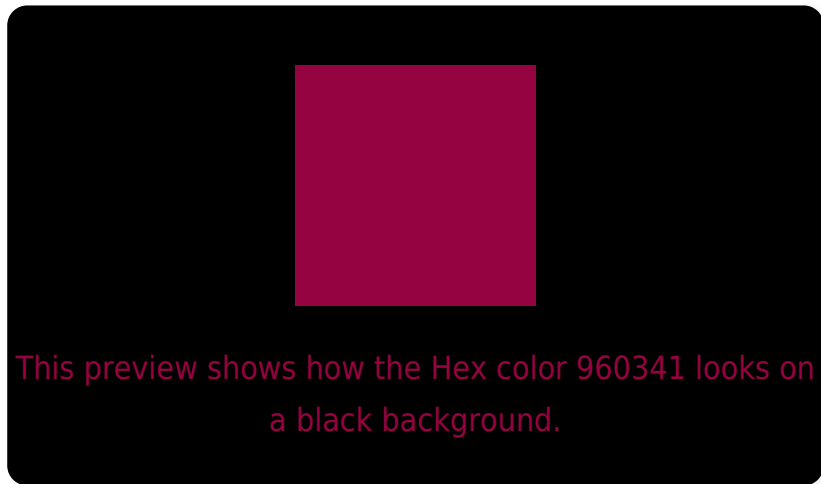
Large Text (above 18pt) WCAG AA ✓ Pass

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 960341 Background



This preview shows how black text looks on a background with the Hex color 960341.

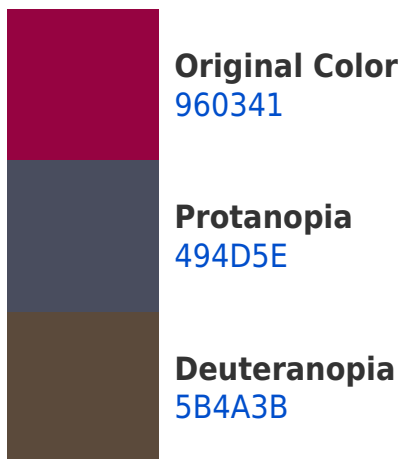


This preview shows how white text looks on a background with the Hex color 960341.

# 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**  
941A19

# Trichromacy



**Original Color**  
960341

**Protanomaly**  
653253

**Deuteranomaly**  
70303D

**Tritanomaly**  
951228

# Monochromacy



**Original Color**  
960341

**Achromatopsia**  
363636

**Achromatomaly**  
59233A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 960341 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 #960341 looks like.

```
.text, #text, p{  
    color:#960341  
}
```

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 #960341 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #960341
}
```

## Border

The CSS property to change the border of an element to Hex 960341 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".

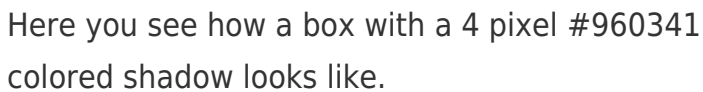
```
.border, #border, table{ border:4px solid
#960341 }
```

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

```
.border{ border-color:#960341 }
```

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

Here you see how a box with a 4 pixel #960341 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #960341; -webkit-box-shadow:4px 4px  
4px 4px #960341; box-shadow:4px 4px 4px  
4px #960341 }
```

# Background

The CSS property to change the background color of an element to Hex 960341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#960341 }
```

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

```
.background{ background-color:#960341 }
```

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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