

Converting Colors

Hex(960936)

Have a look what the booklet for
Hex(960936) contains.

Hex(960936)	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(960936)

Conversions

Conversions Part 1

Format	Color
Hex	960936
RGB	150, 9, 54
RGB Percent	59%, 4%, 21%
CMY	0.4118, 0.9647, 0.7882
CMYK	0.00, 0.94, 0.64, 0.41
HSL	341°, 89%, 31%
HSV	341°, 94%, 59%
XYZ	13.3412, 6.9457, 4.1275
YIQ	56.2890, 69.5910, 43.8870

Conversions

Conversions Part 2

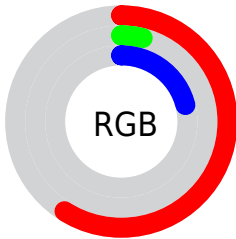
Format	Color
R_{YB}	150, 9, 54
Decimal	9832758
CIE Lab	31.68, 54.32, 15.03
CIE LCh	32, 56.360, 15.464
Yxy	6.9457, 0.5464, 0.2845
Android (android.graphics.Color)	4288022838 (0xFF960936)
YUV	56.2890, -1.1285, 82.1845
Hunter-Lab	26.3548, 44.2387, 9.1627

Details

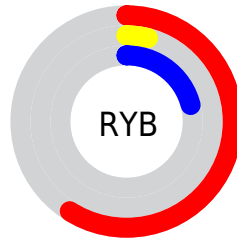
The Hex color **960936** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **099669**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **D24C64**, and **5C000B** is the 20% darker color. If you saturate the color by 10%, you get **960030**, and if you desaturate by 10%, it is **961840**.

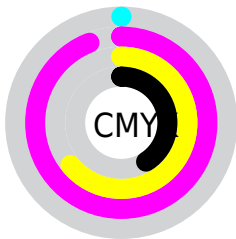
Distribution



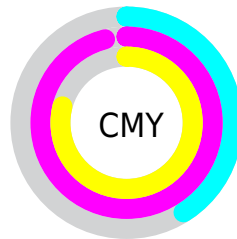
- Red (59%)
- Green (4%)
- Blue (21%)



- Red (59%)
- Yellow (4%)
- Blue (21%)



- Cyan (0%)
- Magenta (94%)
- Yellow (64%)
- Black (41%)



- Cyan (41%)
- Magenta (96%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 960936 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 960936 by changing the saturation by 10% instead.

 960936

 960936

FFFFFF

 790021

 D24C64

 5C000B

 F1687D

 400002

 FF8497

 200001

 FFA0B2

 000000

 FFBCCD

 FFD9E9

 FFF6FF

 960936

 960936

■ 960030

■ 961840

■ 96274A

■ 963655

■ 96455F

■ 965469

■ 966373

■ 96727D

■ 968188

■ 969092

Harmonies

Analogous

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



8D1162



960936



892909

Triad

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



960936



005800



0056A1

Complementary

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



960936



099669

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.



005C89



960936



005C33

Square

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



960936



475000



005D61



0048A1

Rectangle

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



960936



783A00



005D61



00599C

Sweetspot

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



960936



C28C9D



670996



61404A



E0E0E0



616161

Same Dimension

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



960936



C2003E



962109



4A4345



8A002C



0A0003

Inverse Universe

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



960936



C2003E



097E96



4A4345



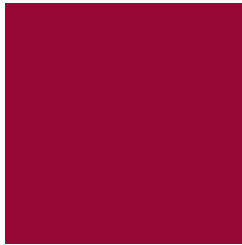
8A002C



0A0003

Previews

White Background



This preview shows how the Hex color 960936 looks on a white background.

Color Contrast Check

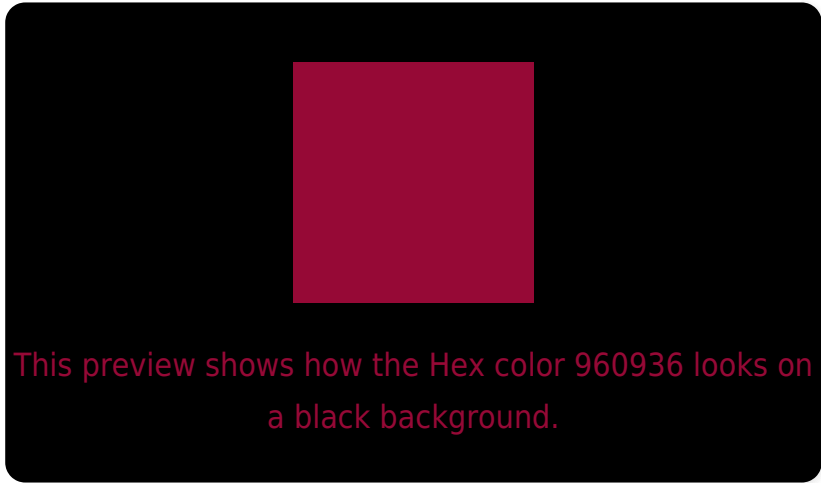
Large Text (above 18pt) WCAG AA ✓ Pass

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 960936 Background



This preview shows how black text looks on a background with the Hex color 960936.



This preview shows how white text looks on a background with the Hex color 960936.

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
960936

Protanopia
4E4D4F

Deuteranopia
5D4A2F



Tritanopia
951715

Trichromacy



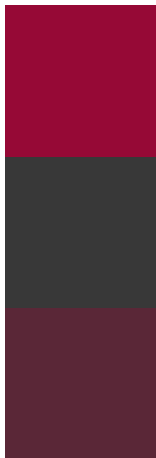
Original Color
960936

Protanomaly
683446

Deuteranomaly
723232

Tritanomaly
951221

Monochromacy



Original Color
960936

Achromatopsia
383838

Achromatomaly
5A2737

CSS Examples

Text

The CSS property to change the color of the text to Hex 960936 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 #960936 looks like.

```
.text, #text, p{  
    color:#960936  
}
```

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 #960936 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #960936
}
```

Border

The CSS property to change the border of an element to Hex 960936 is called "border". The border property can be set on classes, ids or directly on the HTML element.

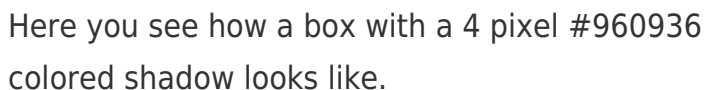
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#960936 }
```

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

```
.border{ border-color:#960936 }
```

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



Here you see how a box with a 4 pixel #960936 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #960936; -webkit-box-shadow:4px 4px  
4px 4px #960936; box-shadow:4px 4px 4px  
4px #960936 }
```

Background

The CSS property to change the background color of an element to Hex 960936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#960936 }
```

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

```
.background{ background-color:#960936 }
```

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