

# Converting Colors

Hex(960C68)

Have a look what the booklet for  
Hex(960C68) contains.

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**Color**

**Hex(960C68)**

# Conversions

## Conversions Part 1

Format	Color
Hex	960C68
RGB	150, 12, 104
RGB Percent	59%, 5%, 41%
CMY	0.4118, 0.9529, 0.5922
CMYK	0.00, 0.92, 0.31, 0.41
HSL	320°, 85%, 32%
HSV	320°, 92%, 59%
XYZ	15.2078, 7.7465, 13.7904
YIQ	63.7500, 52.7160, 57.8680

# Conversions

## Conversions Part 2

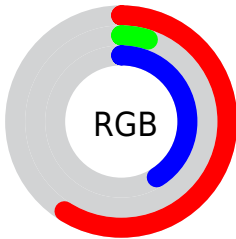
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	150, 12, 104
Decimal	9833576
CIE <sub>Lab</sub>	33.45, 58.30, -15.18
CIE <sub>LCh</sub>	33, 60.245, 345.404
Yxy	7.7465, 0.4139, 0.2108
Android (android.graphics.Color)	4288023656 (0xFF960C68)
<b>YUV</b>	63.7500, 19.8433, 75.6412
Hunter-Lab	27.8324, 48.8268, -9.8942

# Details

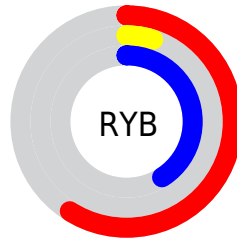
The Hex color **960C68** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **0C963A**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **D0509B**, and **5E0039** is the 20% darker color. If you saturate the color by 10%, you get **960064**, and if you desaturate by 10%, it is **961B6D**.

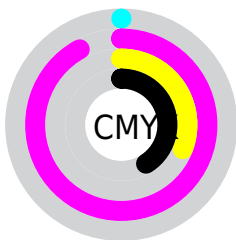
# Distribution



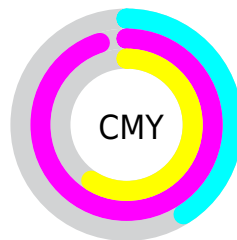
- Red (59%)
- Green (5%)
- Blue (41%)



- Red (59%)
- Yellow (5%)
- Blue (41%)



- Cyan (0%)
- Magenta (92%)
- Yellow (31%)
- Black (41%)



- Cyan (41%)
- Magenta (95%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 960C68 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 960C68 by changing the saturation by 10% instead.



 960C68

 960C68

FFFFFF

 7A0050

 D0509B

 5E0039

 EE6BB6

 440023

 FF87D2

 29000B

 FFA3EE

 000000

 FFC0FF

 FFD0FF

 FFFAFF

 960C68

 960C68

960064

961B6D

962A72

963977

96487C

965781

966686

96758B

968490

969395

# Harmonies

## Analogous

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



6D3393



960C68



A00139

# Triad

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



960C68



4B5400



006192

# Complementary

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



960C68



0C963A

# 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.



006367



960C68



005D00

# Square

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



960C68



744400



006135



005BAC

# Rectangle

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



960C68



991E1A



006135



006285



# Sweetspot

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



960C68



C28CB0



3A0C96



614056



E0E0E0



616161



# Same Dimension

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



960C68



C20081



960C23



4A4347



8A005C



0A0007



# Inverse Universe

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



960C68



C20081



0C967F



4A4347



8A005C



0A0007



# Previews

## White Background



This preview shows how the Hex color 960C68 looks on a white background.

## Color Contrast Check

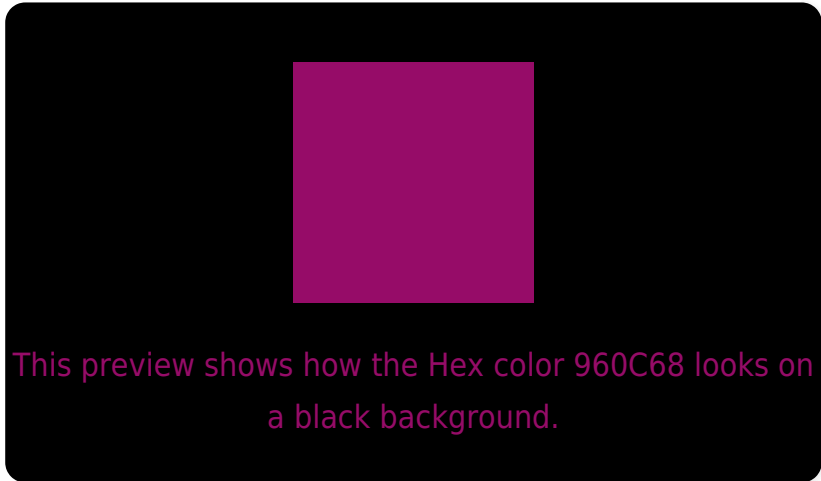
Large Text (above 18pt) WCAG AA ✓ Pass

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 960C68 Background



This preview shows how black text looks on a background with the Hex color 960C68.



This preview shows how white text looks on a background with the Hex color 960C68.

# 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





# Trichromacy



**Original Color**  
960C68



**Protanomaly**  
543783



**Deuteranomaly**  
6A3764



**Tritanomaly**  
931F42

# Monochromacy



**Original Color**  
960C68



**Achromatopsia**  
404040



**Achromatomaly**  
5F2D4F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 960C68 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 #960C68 looks like.

```
.text, #text, p{  
    color:#960C68  
}
```

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 #960C68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #960C68
}
```

## Border

The CSS property to change the border of an element to Hex 960C68 is called "border". The border property can be set on classes, ids or directly on the HTML element.

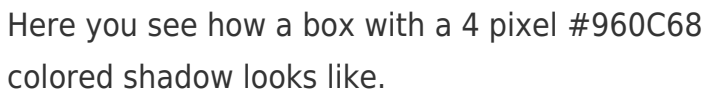
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#960C68 }
```

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

```
.border{ border-color:#960C68 }
```

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



Here you see how a box with a 4 pixel #960C68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #960C68; -webkit-box-shadow:4px 4px  
4px 4px #960C68; box-shadow:4px 4px 4px  
4px #960C68 }
```

# Background

The CSS property to change the background color of an element to Hex 960C68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#960C68 }
```

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

```
.background{ background-color:#960C68 }
```

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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