

# Converting Colors

Hex(9B3760)

Have a look what the booklet for  
Hex(9B3760) contains.

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# Color

**Hex(9B3760)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9B3760
RGB	155, 55, 96
RGB Percent	61%, 22%, 38%
CMY	0.3922, 0.7843, 0.6235
CMYK	0.00, 0.65, 0.38, 0.39
HSL	335°, 48%, 41%
HSV	335°, 65%, 61%
XYZ	16.9951, 10.5455, 12.2061
YIQ	89.5740, 46.4390, 33.9510

# Conversions

## Conversions Part 2

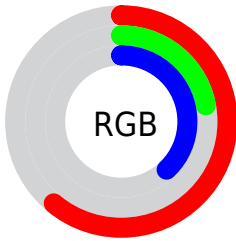
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	155, 55, 96
Decimal	10172256
CIE Lab	38.80, 45.46, -1.95
CIE LCh	39, 45.503, 357.550
Yxy	10.5455, 0.4276, 0.2653
Android (android.graphics.Color)	4288362336 (0xFF9B3760)
YUV	89.5740, 3.1680, 57.3786
Hunter-Lab	32.4738, 36.5884, 0.4460

# Details

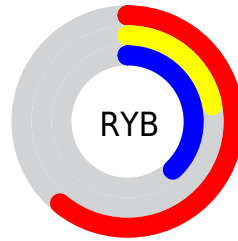
The Hex color **9B3760** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **379B72**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **D56C92**, and **640032** is the 20% darker color. If you saturate the color by 10%, you get **9B2857**, and if you desaturate by 10%, it is **9B4669**.

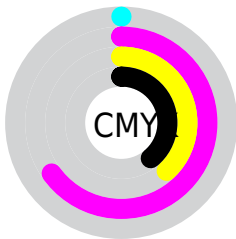
# Distribution



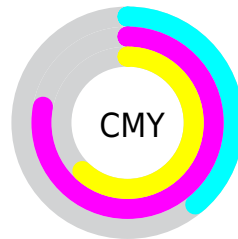
- Red (61%)
- Green (22%)
- Blue (38%)



- Red (61%)
- Yellow (22%)
- Blue (38%)



- Cyan (0%)
- Magenta (65%)
- Yellow (38%)
- Black (39%)



- Cyan (39%)
- Magenta (78%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9B3760 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 9B3760 by changing the saturation by 10% instead.



 9B3760

 9B3760

FFFFFF

 7F1B48

 D56C92

 640032

 F286AD

 49001D

 FFA2C8

 320002

 FFBEE4

 000000

 FFDAFF

 FFF7FF

 9B3760

 9B3760

 9B2857

 9B4669

9B184E

9B5672

9B0845

9B657B

9B0040

9B7585

9B848E

9B9497

9BA4A0

9BB3A9

9BC3B2

# Harmonies

## Analogous

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



854284



9B3760



9C3B3B

# Triad

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



9B3760



4C6311



006999

# Complementary

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



9B3760



379B72

# 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.



006C7D



9B3760



106A31

# Square

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



9B3760



705904



006C57



0061A5

# Rectangle

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



9B3760



934526



006C57



006B91



# Sweetspot

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



9B3760



C9A3B3



71379B



664F58



E6E6E6



666666



# Same Dimension

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



9B3760



C92E6E



9B3F37



4D4548



8C003A



0D0005



# Inverse Universe

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



9B3760



C92E6E



37939B



4D4548



8C003A

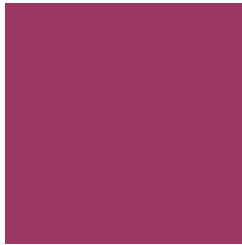


0D0005



# Previews

## White Background



This preview shows how the Hex color 9B3760 looks on a white background.

## Color Contrast Check

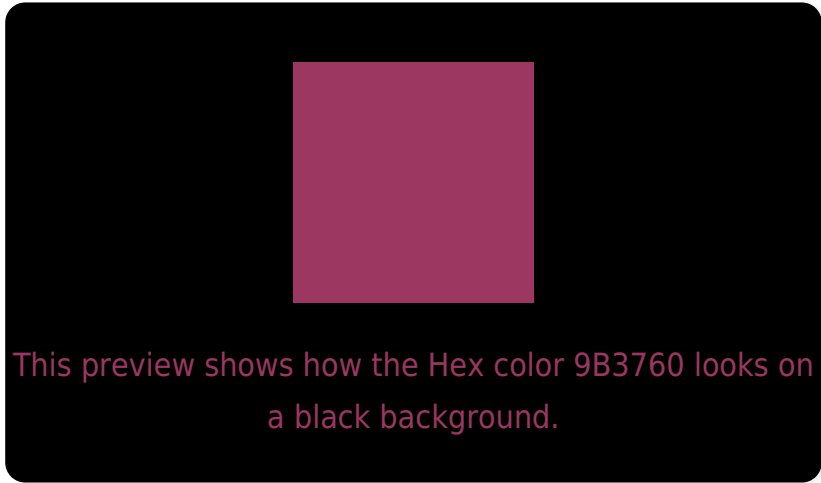
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

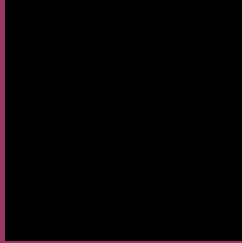
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9B3760 Background



This preview shows how black text looks on a background with the Hex color 9B3760.



This preview shows how white text looks on a background with the Hex color 9B3760.

# 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**  
993E42

# Trichromacy



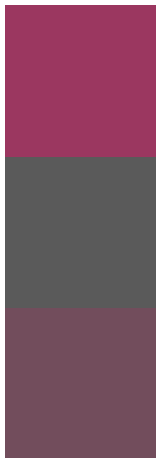
**Original Color**  
9B3760

**Protanomaly**  
6E4E6F

**Deuteranomaly**  
794D5D

**Tritanomaly**  
9A3B4D

# Monochromacy



**Original Color**  
9B3760

**Achromatopsia**  
5A5A5A

**Achromatomaly**  
724D5C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9B3760 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 #9B3760 looks like.

```
.text, #text, p{  
    color:#9B3760  
}
```

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 #9B3760 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B3760
}
```

## Border

The CSS property to change the border of an element to Hex 9B3760 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
#9B3760 }
```

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

```
.border{ border-color:#9B3760 }
```

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

Here you see how a box with a 4 pixel #9B3760 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B3760; -webkit-box-shadow:4px 4px  
4px 4px #9B3760; box-shadow:4px 4px 4px  
4px #9B3760 }
```

# Background

The CSS property to change the background color of an element to Hex 9B3760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B3760 }
```

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

```
.background{ background-color:#9B3760 }
```

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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