

# Converting Colors

Hex(9B3458)

Have a look what the booklet for  
Hex(9B3458) contains.

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# Color

**Hex(9B3458)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9B3458
RGB	155, 52, 88
RGB Percent	61%, 20%, 35%
CMY	0.3922, 0.7961, 0.6549
CMYK	0.00, 0.66, 0.43, 0.39
HSL	339°, 50%, 41%
HSV	339°, 66%, 61%
XYZ	16.5070, 10.1291, 10.3176
YIQ	86.9010, 49.8320, 33.0320

# Conversions

## Conversions Part 2

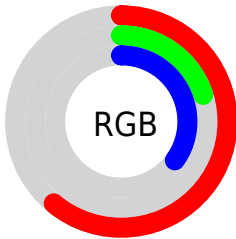
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">155, 52, 88</a>
Decimal	<a href="#">10171480</a>
CIELab	<a href="#">38.07, 45.89, 2.05</a>
CIElCh	<a href="#">38, 45.935, 2.556</a>
Yxy	<a href="#">10.1291, 0.4467, 0.2741</a>
Android (android.graphics.Color)	<a href="#">4288361560</a> (0xFF9B3458)
YUV	<a href="#">86.9010, 0.5418, 59.7228</a>
Hunter-Lab	<a href="#">31.8263, 36.8847, 3.0574</a>

# Details

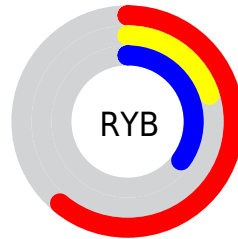
The Hex color **9B3458** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **349B77**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **D5698A**, and **63002B** is the 20% darker color. If you saturate the color by 10%, you get **9B254E**, and if you desaturate by 10%, it is **9B4362**.

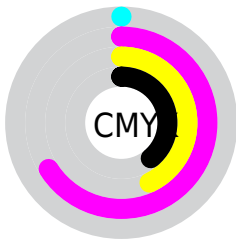
# Distribution



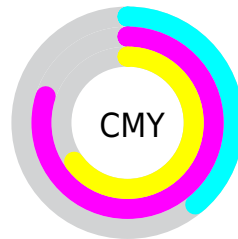
- Red (61%)
- Green (20%)
- Blue (35%)



- Red (61%)
- Yellow (20%)
- Blue (35%)



- Cyan (0%)
- Magenta (66%)
- Yellow (43%)
- Black (39%)



- Cyan (39%)
- Magenta (80%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9B3458 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 9B3458 by changing the saturation by 10% instead.



9B3458

9B3458

FFFFFF

7F1741

D5698A

63002B

F384A4

480017

FF9FBF

300002

FFBDBD

000000

FFD7F7

FFF4FF

9B3458

9B3458

9B254E

9B4362

 9B1544

 9B536C

 9B063A

 9B6276

 9B0036

 9B7280

 9B828A

 9B9194

 9BA09F

 9BB0A9

 9BBFB3

# Harmonies

## Analogous

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



893D7D



9B3458



993B34

# Triad

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



9B3458



436313



00669B

# Complementary

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



9B3458



349B77

# 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.



006A81



9B3458



006835

# Square

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



9B3458



695900



006B5C



005DA4

# Rectangle

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



9B3458



8E451E



006B5C



006894



# Sweetspot

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



9B3458



C9A1AF



77349B



664E56



E6E6E6



666666



# Same Dimension

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



9B3458



C92861



9B4334



4D4548



8C0031



0D0004



# Inverse Universe

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



9B3458



C92861



348C9B



4D4548



8C0031

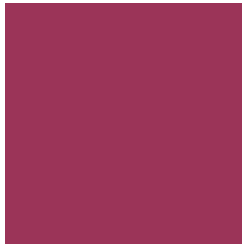


0D0004



# Previews

## White Background



This preview shows how the Hex color 9B3458 looks on a white background.

## Color Contrast Check

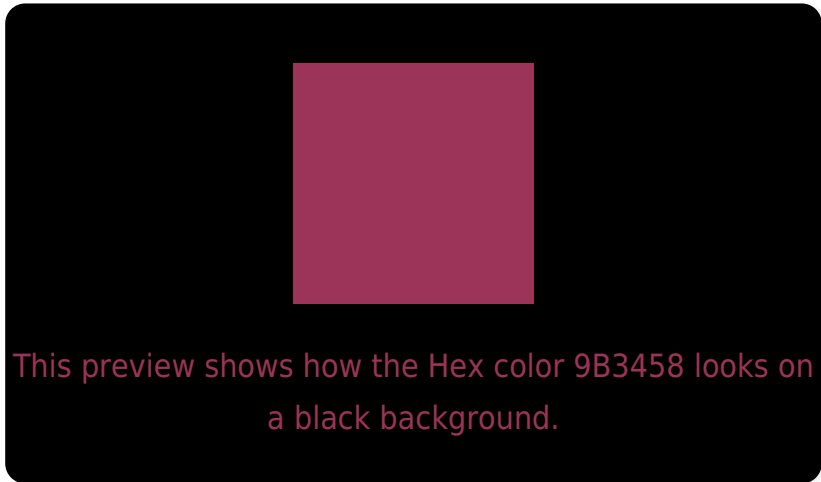
Large Text (above 18pt) WCAG AA ✓ Pass

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 9B3458 Background



This preview shows how black text looks on a background with the Hex color 9B3458.

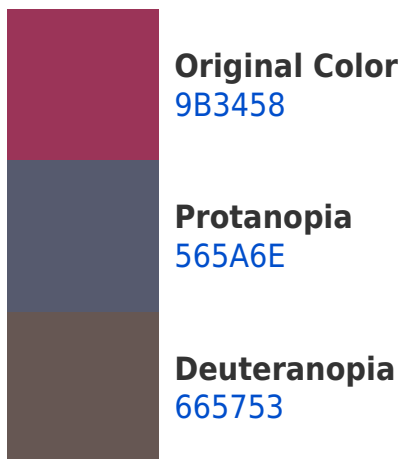


This preview shows how white text looks on a background with the Hex color 9B3458.

# 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**  
993A3D

# Trichromacy



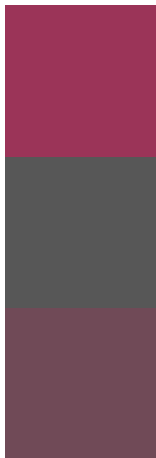
**Original Color**  
9B3458

**Protanomaly**  
6F4C66

**Deuteranomaly**  
794A55

**Tritanomaly**  
9A3847

# Monochromacy



**Original Color**  
9B3458

**Achromatopsia**  
575757

**Achromatomaly**  
704A57

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9B3458 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 #9B3458 looks like.

```
.text, #text, p{  
  color:#9B3458  
}
```

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 #9B3458 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B3458
}
```

## Border

The CSS property to change the border of an element to Hex 9B3458 is called "border". The border property can be set on classes, ids or directly on the HTML element.

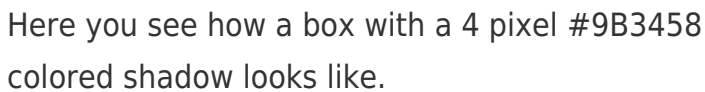
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9B3458 }
```

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

```
.border{ border-color:#9B3458 }
```

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



Here you see how a box with a 4 pixel #9B3458 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B3458; -webkit-box-shadow:4px 4px  
4px 4px #9B3458; box-shadow:4px 4px 4px  
4px #9B3458 }
```

# Background

The CSS property to change the background color of an element to Hex 9B3458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B3458 }
```

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

```
.background{ background-color:#9B3458 }
```

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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