

# Converting Colors

Hex(9B3680)

Have a look what the booklet for  
Hex(9B3680) contains.

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# Color

**Hex(9B3680)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9B3680
RGB	155, 54, 128
RGB Percent	61%, 21%, 50%
CMY	0.3922, 0.7882, 0.4980
CMYK	0.00, 0.65, 0.17, 0.39
HSL	316°, 48%, 41%
HSV	316°, 65%, 61%
XYZ	18.7330, 11.1654, 21.5899
YIQ	92.6350, 36.4420, 44.4260

# Conversions

## Conversions Part 2

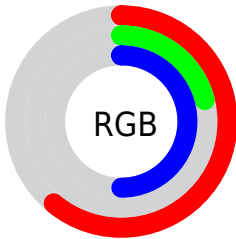
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	155, 54, 128
Decimal	10172032
CIE <sub>Lab</sub>	39.86, 50.21, -20.32
CIE <sub>LCh</sub>	40, 54.167, 337.968
Yxy	11.1654, 0.3638, 0.2169
Android (android.graphics.Color)	4288362112 (0xFF9B3680)
YUV	92.6350, 17.4349, 54.6941
Hunter-Lab	33.4147, 41.5954, -14.9181

# Details

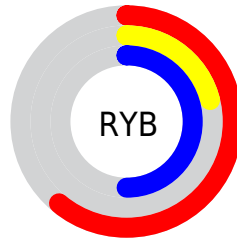
The Hex color **9B3680** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **369B51**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **D46CB5**, and **64004F** is the 20% darker color. If you saturate the color by 10%, you get **9B277C**, and if you desaturate by 10%, it is **9B4684**.

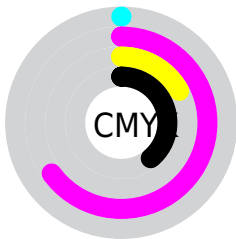
# Distribution



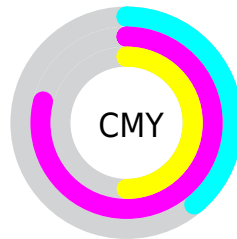
- Red (61%)
- Green (21%)
- Blue (50%)



- Red (61%)
- Yellow (21%)
- Blue (50%)



- Cyan (0%)
- Magenta (65%)
- Yellow (17%)
- Black (39%)



- Cyan (39%)
- Magenta (79%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9B3680 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 9B3680 by changing the saturation by 10% instead.



 9B3680

 9B3680

FFFFFF

 7F1867

 D46CB5

 64004F

 F187D1

 4A0037

 FFA2ED

 340022

 FFBEFF

 0D0007

 FFDBFF

 000000

 FFF8FF

 9B3680

 9B3680

 9B277C

 9B4684

9B1778

9B5588

9B0874

9B658C

9B0072

9B7491

9B8495

9B9399

9BA39D

9BB2A1

9BC2A5

# Harmonies

## Analogous

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



6D4CA4



9B3680



AB2C54

# Triad

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



9B3680



676000



007193

# Complementary

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



9B3680



369B51

# 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.



007269



9B3680



376A0A

# Square

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



9B3680



8C4F00



00703B



006BB0

# Rectangle

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



9B3680



A93437



00703B



007286



# Sweetspot

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



9B3680



C9A1BF



51369B



664E5F



E6E6E6



666666



# Same Dimension

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



9B3680



C92C9F



9B364E



4D454A



8C0067



0D0009



# Inverse Universe

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



9B3680



C92C9F



369B83



4D454A



8C0067



0D0009



# Previews

## White Background



This preview shows how the Hex color 9B3680 looks on a white background.

## Color Contrast Check

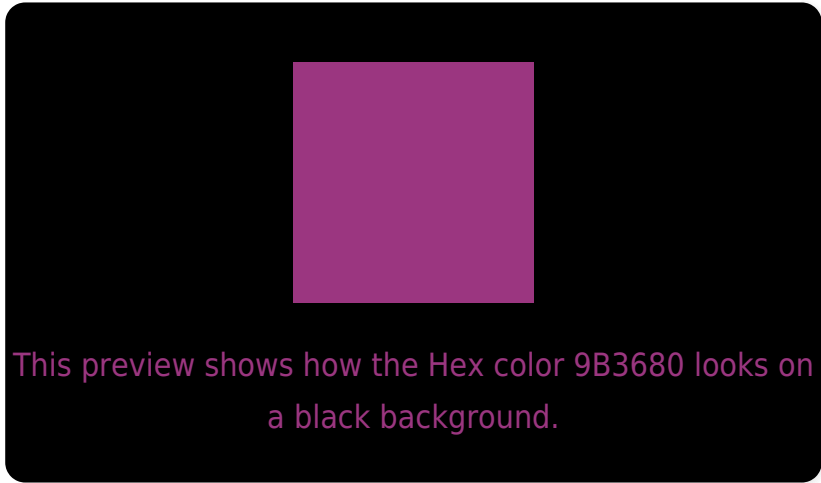
Large Text (above 18pt) WCAG AA ✓ Pass

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

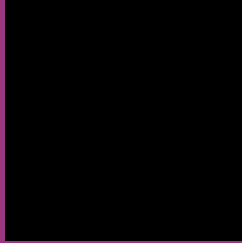
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9B3680 Background



This preview shows how black text looks on a background with the Hex color 9B3680.

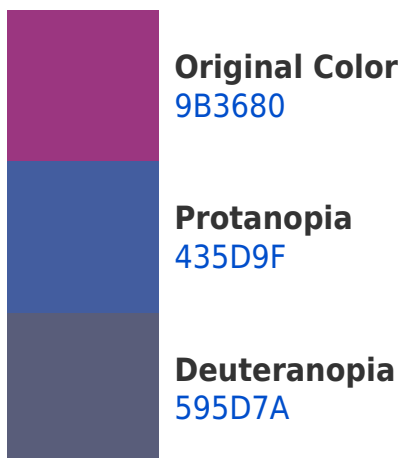


This preview shows how white text looks on a background with the Hex color 9B3680.

# 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](#).

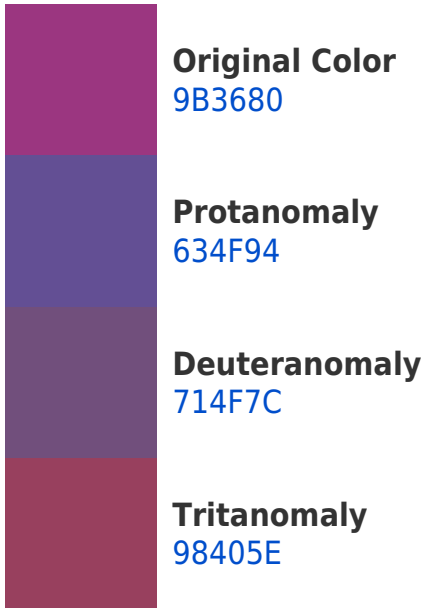
## Dichromacy



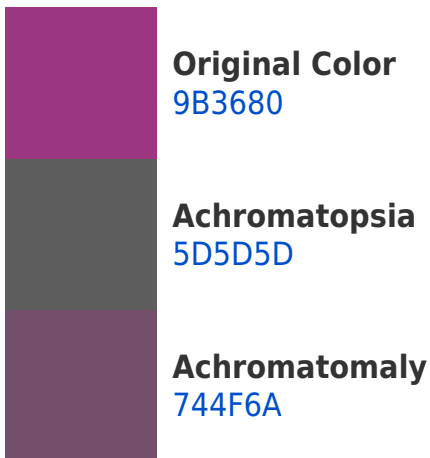


**Tritanopia**  
96454A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9B3680 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 #9B3680 looks like.

```
.text, #text, p{  
    color:#9B3680  
}
```

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 #9B3680 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B3680
}
```

## Border

The CSS property to change the border of an element to Hex 9B3680 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
#9B3680 }
```

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

```
.border{ border-color:#9B3680 }
```

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

Here you see how a box with a 4 pixel #9B3680 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B3680; -webkit-box-shadow:4px 4px  
4px 4px #9B3680; box-shadow:4px 4px 4px  
4px #9B3680 }
```

# Background

The CSS property to change the background color of an element to Hex 9B3680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B3680 }
```

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

```
.background{ background-color:#9B3680 }
```

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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