

Converting Colors

Hex(9E3773)

Have a look what the booklet for
Hex(9E3773) contains.

Hex(9E3773)	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(9E3773)

Conversions

Conversions Part 1

Format	Color
Hex	9E3773
RGB	158, 55, 115
RGB Percent	62%, 22%, 45%
CMY	0.3804, 0.7843, 0.5490
CMYK	0.00, 0.65, 0.27, 0.38
HSL	325°, 48%, 42%
HSV	325°, 65%, 62%
XYZ	18.5613, 11.2393, 17.4108
YIQ	92.6370, 42.1280, 40.4960

Conversions

Conversions Part 2

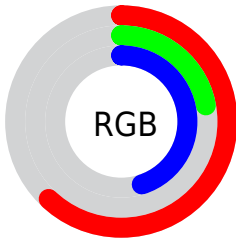
Format	Color
R_{YB}	158, 55, 115
Decimal	10368883
CIE _{Lab}	39.98, 48.79, -12.04
CIE _{LCh}	40, 50.253, 346.142
Yxy	11.2393, 0.3932, 0.2381
Android (android.graphics.Color)	4288558963 (0xFF9E3773)
YUV	92.6370, 11.0250, 57.3234
Hunter-Lab	33.5250, 40.1583, -7.3239

Details

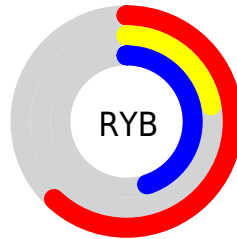
The Hex color **9E3773** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **379E62**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **D76CA7**, and **670043** is the 20% darker color. If you saturate the color by 10%, you get **9E276C**, and if you desaturate by 10%, it is **9E477A**.

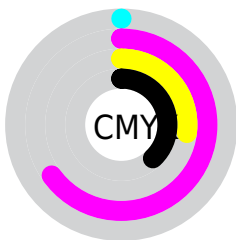
Distribution



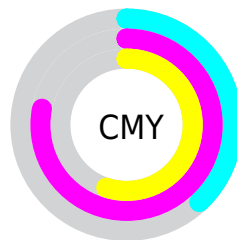
- Red (62%)
- Green (22%)
- Blue (45%)



- Red (62%)
- Yellow (22%)
- Blue (45%)



- Cyan (0%)
- Magenta (65%)
- Yellow (27%)
- Black (38%)



- Cyan (38%)
- Magenta (78%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9E3773 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 9E3773 by changing the saturation by 10% instead.

9E3773

9E3773

FFFFFF

821A5A

D76CA7

670043

F587C2

4C002D

FFA3DE

350019

FFBFFB

0E0000

FFDBFF

000000

FFF9FF

9E3773

9E3773

9E276C

9E477A

 9E1766

 9E5780

 9E085F

 9E6687

 9E005C

 9E768D

 9E8694

 9E969B

 9EA6A1

 9EB5A8

 9EC5AE

Harmonies

Analogous

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



7C4998



9E3773



A7354A

Triad

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



9E3773



5D6300



006F99

Complementary

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



9E3773



379E62

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.



007174



9E3773



2B6C20

Square

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



9E3773



815500



007049



0068AE

Rectangle

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



9E3773



A13E30



007049



00708E

Sweetspot

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



9E3773



CFA5BD



62379E



694F5E



E8E8E8



696969

Same Dimension

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



9E3773



CF2D8B



9E3740



4F474C



8F0053



0F0009

Inverse Universe

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



9E3773



CF2D8B



379E95



4F474C



8F0053



0F0009

Previews

White Background



This preview shows how the Hex color 9E3773 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 9E3773 Background



This preview shows how black text looks on a background with the Hex color 9E3773.

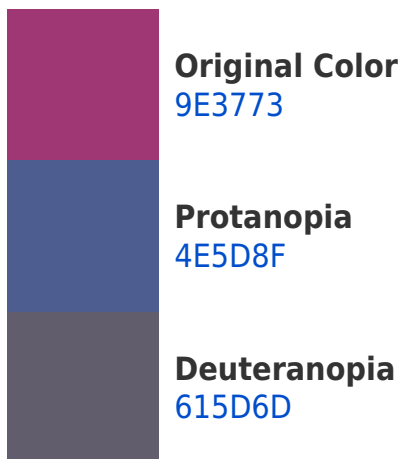


This preview shows how white text looks on a background with the Hex color 9E3773.

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
9A4247

Trichromacy



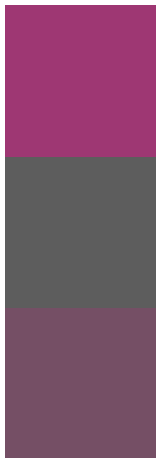
Original Color
9E3773

Protanomaly
6B4F85

Deuteranomaly
774F6F

Tritanomaly
9B3E57

Monochromacy



Original Color
9E3773

Achromatopsia
5D5D5D

Achromatomaly
754F65

CSS Examples

Text

The CSS property to change the color of the text to Hex 9E3773 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 #9E3773 looks like.

```
.text, #text, p{  
    color:#9E3773  
}
```

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 #9E3773 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E3773
}
```

Border

The CSS property to change the border of an element to Hex 9E3773 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
#9E3773 }
```

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

```
.border{ border-color:#9E3773 }
```

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

Here you see how a box with a 4 pixel #9E3773 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E3773; -webkit-box-shadow:4px 4px  
4px 4px #9E3773; box-shadow:4px 4px 4px  
4px #9E3773 }
```

Background

The CSS property to change the background color of an element to Hex 9E3773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E3773 }
```

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

```
.background{ background-color:#9E3773 }
```

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