

Converting Colors

Hex(9E3781)

Have a look what the booklet for
Hex(9E3781) contains.

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Color

Hex(9E3781)

Conversions

Conversions Part 1

Format	Color
Hex	9E3781
RGB	158, 55, 129
RGB Percent	62%, 22%, 51%
CMY	0.3804, 0.7843, 0.4941
CMYK	0.00, 0.65, 0.18, 0.38
HSL	317°, 48%, 42%
HSV	317°, 65%, 62%
XYZ	19.4292, 11.5865, 21.9813
YIQ	94.2330, 37.6340, 44.8500

Conversions

Conversions Part 2

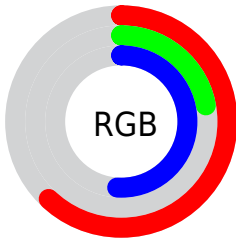
Format	Color
R_{YB}	158, 55, 129
Decimal	10368897
CIE _{Lab}	40.55, 50.78, -19.82
CIE _{LCh}	41, 54.516, 338.676
Yxy	11.5865, 0.3666, 0.2186
Android (android.graphics.Color)	4288558977 (0xFF9E3781)
YUV	94.2330, 17.1401, 55.9237
Hunter-Lab	34.0389, 42.3187, -14.4604

Details

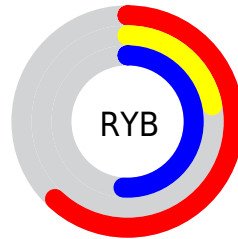
The Hex color **9E3781** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **379E54**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **D76DB6**, and **670050** is the 20% darker color. If you saturate the color by 10%, you get **9E277D**, and if you desaturate by 10%, it is **9E4785**.

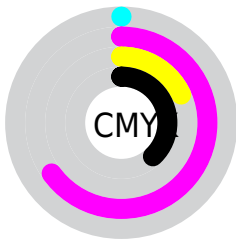
Distribution



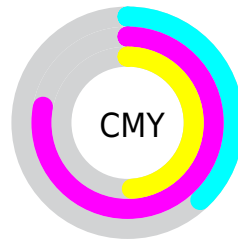
- Red (62%)
- Green (22%)
- Blue (51%)



- Red (62%)
- Yellow (22%)
- Blue (51%)



- Cyan (0%)
- Magenta (65%)
- Yellow (18%)
- Black (38%)



- Cyan (38%)
- Magenta (78%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9E3781 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 9E3781 by changing the saturation by 10% instead.

9E3781

9E3781

FFFFFF

821968

D76DB6

670050

F588D2

4D0038

FFA3EE

360023

FFBFFF

130009

FFDCFF

000000

FFF9FF

9E3781

9E3781

9E277D

9E4785

 9E1778

 9E578A

 9E0874

 9E668E

 9E0072

 9E7693

 9E8697

 9E969C

 9EA6A0

 9EB5A5

 9EC5A9

Harmonies

Analogous

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



714DA6



9E3781



AE2E55

Triad

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



9E3781



686200



007397

Complementary

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



9E3781



379E54

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.



00746C



9E3781



376C0D

Square

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



9E3781



8D5100



00723D



006DB3

Rectangle

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



9E3781



AB3638



00723D



007389

Sweetspot

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



9E3781



CFA5C3



52379E



694F61



E8E8E8



696969

Same Dimension

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



9E3781



CF2DA1



9E374F



4F474D



8F0067



0F000B

Inverse Universe

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



9E3781



CF2DA1



379E86



4F474D



8F0067



0F000B

Previews

White Background



This preview shows how the Hex color 9E3781 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

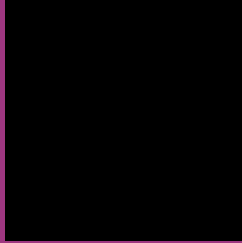
Any Text WCAG AA × Fail

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 9E3781 Background



This preview shows how black text looks on a background with the Hex color 9E3781.

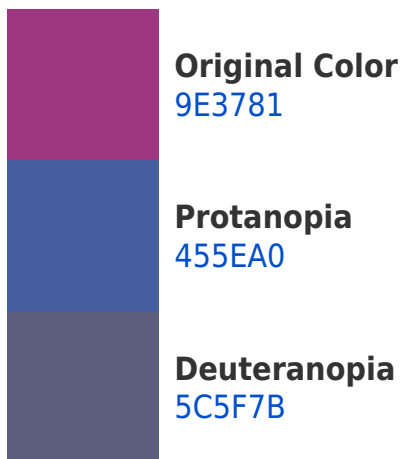



This preview shows how white text looks on a background with the Hex color 9E3781.

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](#).

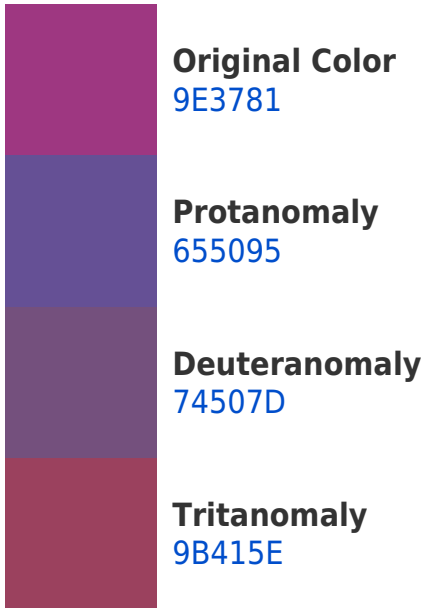
Dichromacy



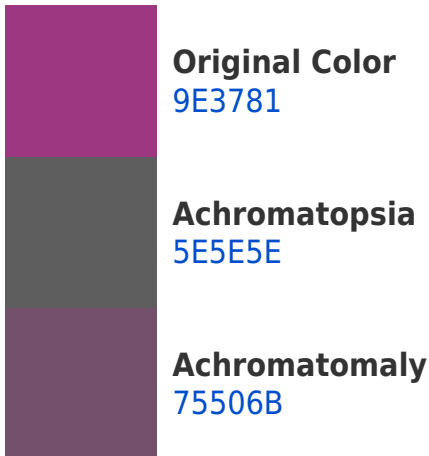


Tritanopia
99464A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9E3781 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 #9E3781 looks like.

```
.text, #text, p{  
    color:#9E3781  
}
```

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 #9E3781 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E3781
}
```

Border

The CSS property to change the border of an element to Hex 9E3781 is called "border". The border property can be set on classes, ids or directly on the HTML element.

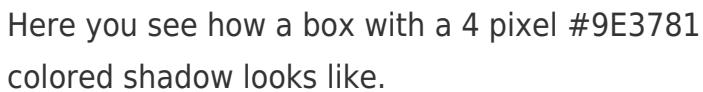
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9E3781 }
```

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

```
.border{ border-color:#9E3781 }
```

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



Here you see how a box with a 4 pixel #9E3781 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E3781; -webkit-box-shadow:4px 4px  
4px 4px #9E3781; box-shadow:4px 4px 4px  
4px #9E3781 }
```

Background

The CSS property to change the background color of an element to Hex 9E3781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E3781 }
```

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

```
.background{ background-color:#9E3781 }
```

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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