

Converting Colors

Hex(9E117B)

Have a look what the booklet for
Hex(9E117B) contains.

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Color

Hex(9E117B)

Conversions

Conversions Part 1

Format	Color
Hex	9E117B
RGB	158, 17, 123
RGB Percent	62%, 7%, 48%
CMY	0.3804, 0.9333, 0.5176
CMYK	0.00, 0.89, 0.22, 0.38
HSL	315°, 81%, 34%
HSV	315°, 89%, 62%
XYZ	17.8762, 9.1001, 19.5532
YIQ	71.2430, 50.0100, 62.8580

Conversions

Conversions Part 2

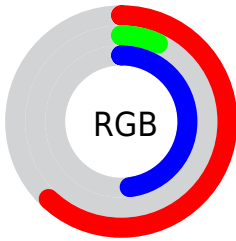
Format	Color
R_{YB}	158, 17, 123
Decimal	10359163
CIE _{Lab}	36.18, 61.57, -22.88
CIE _{LCh}	36, 65.687, 339.618
Yxy	9.1001, 0.3842, 0.1956
Android (android.graphics.Color)	4288549243 (0xFF9E117B)
YUV	71.2430, 25.5162, 76.0859
Hunter-Lab	30.1663, 52.9857, -17.3142

Details

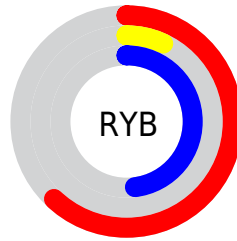
The Hex color **9E117B** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **119E34**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **D854B0**, and **66004A** is the 20% darker color. If you saturate the color by 10%, you get **9E0177**, and if you desaturate by 10%, it is **9E217F**.

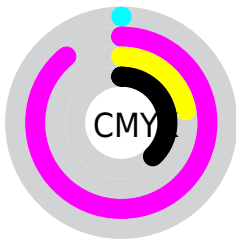
Distribution



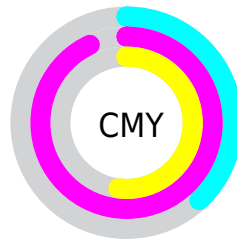
- Red (62%)
- Green (7%)
- Blue (48%)



- Red (62%)
- Yellow (7%)
- Blue (48%)



- Cyan (0%)
- Magenta (89%)
- Yellow (22%)
- Black (38%)



- Cyan (38%)
- Magenta (93%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9E117B 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 9E117B by changing the saturation by 10% instead.

 9E117B

 9E117B

FFFFFF

 820062

 D854B0

 66004A

 F670CB

 4B0033

 FF8CE7

 31001E

 FFA9FF

 050000

 FFC5FF

 000000

 FFE3FF

 9E117B

 9E117B

 9E0177

 9E217F

■ 9E0077

■ 9E3183

■ 9E4087

■ 9E508B

■ 9E608F

■ 9E7093

■ 9E8096

■ 9E8F9A

■ 9E9F9E

Harmonies

Analogous

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



683DA7



9E117B



AE0047

Triad

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



9E117B



5A5800



006A98

Complementary

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



9E117B



119E34

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.



006B65



9E117B



146300

Square

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



9E117B



854400



00692D



0065B9

Rectangle

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



9E117B



AA1325



00692D



006B88

Sweetspot

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



9E117B



CF97C1



32119E



694760



E8E8E8



696969

Same Dimension

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



9E117B



CF009B



9E1137



4F474D



8F006B



0F000C

Inverse Universe

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



9E117B



CF009B



119E78



4F474D



8F006B



0F000C

Previews

White Background



This preview shows how the Hex color 9E117B 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 ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

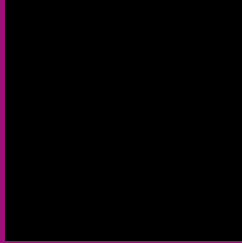
Any Text WCAG AA × Fail

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 9E117B Background



This preview shows how black text looks on a background with the Hex color 9E117B.

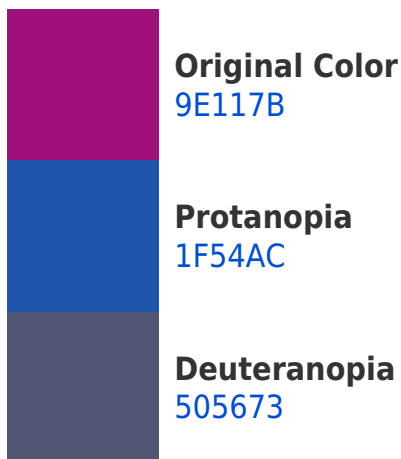



This preview shows how white text looks on a background with the Hex color 9E117B.

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
983235

Trichromacy



Original Color
9E117B



Protanomaly
4D3C9A



Deuteranomaly
6C3D76



Tritanomaly
9A264E

Monochromacy



Original Color
9E117B



Achromatopsia
474747



Achromatomaly
67335A

CSS Examples

Text

The CSS property to change the color of the text to Hex 9E117B 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 #9E117B looks like.

```
.text, #text, p{  
    color:#9E117B  
}
```

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 #9E117B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E117B
}
```

Border

The CSS property to change the border of an element to Hex 9E117B is called "border". The border property can be set on classes, ids or directly on the HTML element.

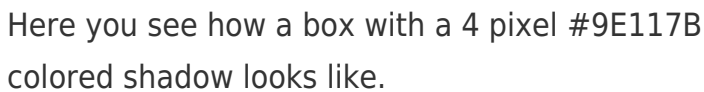
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9E117B }
```

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

```
.border{ border-color:#9E117B }
```

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



Here you see how a box with a 4 pixel #9E117B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E117B; -webkit-box-shadow:4px 4px  
4px 4px #9E117B; box-shadow:4px 4px 4px  
4px #9E117B }
```

Background

The CSS property to change the background color of an element to Hex 9E117B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E117B }
```

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

```
.background{ background-color:#9E117B }
```

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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