

Converting Colors

Hex(9E2A72)

Have a look what the booklet for
Hex(9E2A72) contains.

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Color

Hex(9E2A72)

Conversions

Conversions Part 1

Format	Color
Hex	9E2A72
RGB	158, 42, 114
RGB Percent	62%, 16%, 45%
CMY	0.3804, 0.8353, 0.5529
CMYK	0.00, 0.73, 0.28, 0.38
HSL	323°, 58%, 39%
HSV	323°, 73%, 62%
XYZ	17.9658, 10.1399, 16.9299
YIQ	84.8920, 46.0240, 46.9840

Conversions

Conversions Part 2

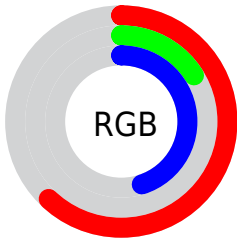
Format	Color
R_{YB}	158, 42, 114
Decimal	10365554
CIE _{Lab}	38.09, 53.79, -14.28
CIE _{LCh}	38, 55.657, 345.130
Yxy	10.1399, 0.3989, 0.2252
Android (android.graphics.Color)	4288555634 (0xFF9E2A72)
YUV	84.8920, 14.3502, 64.1157
Hunter-Lab	31.8433, 44.9829, -9.2320

Details

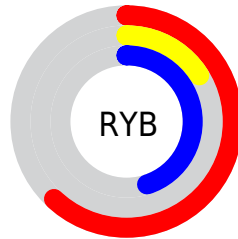
The Hex color **9E2A72** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **2A9E56**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **D862A6**, and **660042** is the 20% darker color. If you saturate the color by 10%, you get **9E1A6C**, and if you desaturate by 10%, it is **9E3A78**.

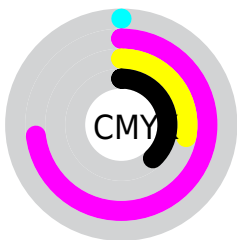
Distribution



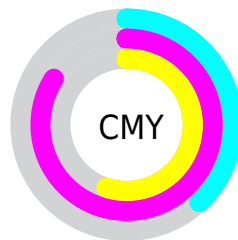
- Red (62%)
- Green (16%)
- Blue (45%)



- Red (62%)
- Yellow (16%)
- Blue (45%)



- Cyan (0%)
- Magenta (73%)
- Yellow (28%)
- Black (38%)



- Cyan (38%)
- Magenta (84%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9E2A72 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 9E2A72 by changing the saturation by 10% instead.

 9E2A72

 9E2A72

FFFFFF

 820159

 D862A6

 660042

 F67DC1

 4B002C

 FF99DD

 330017

 FFB5FA

 060000

 FFD2FF

 000000

 FFEFFF

 9E2A72

 9E2A72

 9E1A6C

 9E3A78

9E0A66

9E4A7E

9E0062

9E5984

9E698A

9E7990

9E8996

9E999C

9EA8A2

9EB8A8

Harmonies

Analogous

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



77429A



9E2A72



A82645

Triad

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



9E2A72



585F00



006C99

Complementary

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



9E2A72



2A9E56

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.



006E70



9E2A72



1D6810

Square

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



9E2A72



7F4F00



006C41



0065B1

Rectangle

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



9E2A72



A23228



006C41



006D8D

Sweetspot

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



9E2A72



CFA1BD



552A9E



694D5E



E8E8E8



696969

Same Dimension

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



9E2A72



CF198A



9E2A39



4F474C



8F0059



0F0009

Inverse Universe

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



9E2A72



CF198A



2A9E8F



4F474C



8F0059



0F0009

Previews

White Background



This preview shows how the Hex color 9E2A72 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

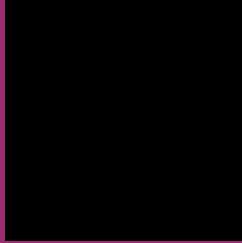
Any Text WCAG AA × Fail

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 9E2A72 Background



This preview shows how black text looks on a background with the Hex color 9E2A72.

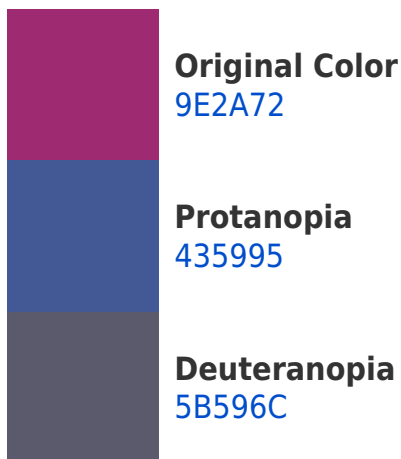


This preview shows how white text looks on a background with the Hex color 9E2A72.

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
9A3A3D

Trichromacy



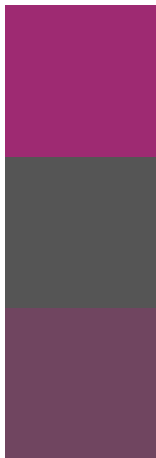
Original Color
9E2A72

Protanomaly
644888

Deuteranomaly
73486E

Tritanomaly
9B3450

Monochromacy



Original Color
9E2A72

Achromatopsia
555555

Achromatomaly
704560

CSS Examples

Text

The CSS property to change the color of the text to Hex 9E2A72 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 #9E2A72 looks like.

```
.text, #text, p{  
    color:#9E2A72  
}
```

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 #9E2A72 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E2A72
}
```

Border

The CSS property to change the border of an element to Hex 9E2A72 is called "border". The border property can be set on classes, ids or directly on the HTML element.

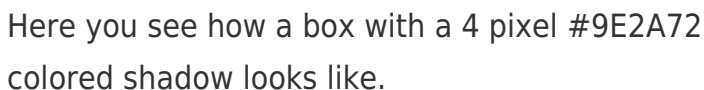
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9E2A72 }
```

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

```
.border{ border-color:#9E2A72 }
```

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



Here you see how a box with a 4 pixel #9E2A72 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E2A72; -webkit-box-shadow:4px 4px  
4px 4px #9E2A72; box-shadow:4px 4px 4px  
4px #9E2A72 }
```

Background

The CSS property to change the background color of an element to Hex 9E2A72 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E2A72 }
```

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

```
.background{ background-color:#9E2A72 }
```

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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