

Converting Colors

Hex(9E77A5)

Have a look what the booklet for
Hex(9E77A5) contains.

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Color

Hex(9E77A5)

Conversions

Conversions Part 1

Format	Color
Hex	9E77A5
RGB	158, 119, 165
RGB Percent	62%, 47%, 65%
CMY	0.3804, 0.5333, 0.3529
CMYK	0.04, 0.28, 0.00, 0.35
HSL	291°, 20%, 56%
HSV	291°, 28%, 65%
XYZ	27.4889, 23.1794, 38.6226
YIQ	135.9050, 8.4780, 22.5740

Conversions

Conversions Part 2

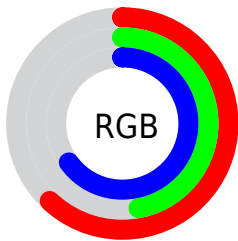
Format	Color
R_{YB}	158, 119, 165
Decimal	10385317
CIE _{Lab}	55.26, 23.52, -18.72
CIE _{LCh}	55, 30.057, 321.478
Yxy	23.1794, 0.3079, 0.2596
Android (android.graphics.Color)	4288575397 (0xFF9E77A5)
YUV	135.9050, 14.3438, 19.3773
Hunter-Lab	48.1450, 17.6629, -13.8618

Details

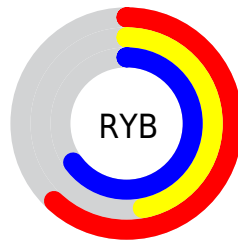
The Hex color **9E77A5** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **7EA577**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **D5ACDC**, and **6A4671** is the 20% darker color. If you saturate the color by 10%, you get **9B66A5**, and if you desaturate by 10%, it is **A187A5**.

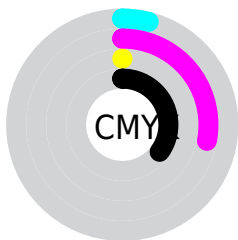
Distribution



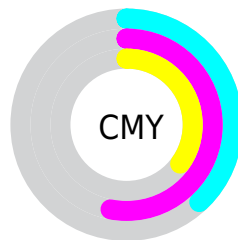
- Red (62%)
- Green (47%)
- Blue (65%)



- Red (62%)
- Yellow (47%)
- Blue (65%)



- Cyan (4%)
- Magenta (28%)
- Yellow (0%)
- Black (35%)



- Cyan (38%)
- Magenta (53%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9E77A5 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 9E77A5 by changing the saturation by 10% instead.

■ 9E77A5

■ 9E77A5

FFFFFF

■ 845E8B

■ D5ACDC

■ 6A4671

■ F2C7F9

■ 512F58

■ FFE3FF

■ 391941

■ 23022B

■ 000016

■ 000000

■ 9E77A5

■ 9E77A5

■ 9B66A5

■ A187A5

9956A5

A398A5

9645A5

A6A9A5

9435A5

A8B9A5

9124A5

ABC9A5

8F14A5

ADDAA5

8C04A5

B0EAA5

8C00A5

B2FBA5

B5FFA5

Harmonies

Analogous

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



7D80B5



9E77A5



B2718D

Triad

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



9E77A5



9C8051



239296

Complementary

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



9E77A5



7EA577

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.



44927C



9E77A5



838953

Square

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



9E77A5



AF775D



658F63



298FAC

Rectangle

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



9E77A5



B7707B



658F63



2D928E

Sweetspot

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



9E77A5



D4C5D6



777FA5



69606B



EBEBEB



6B6B6B

Same Dimension

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



9E77A5



CB90D6



A57796



504952



7B0091



0F0012

Inverse Universe

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



A5777E



D6909A



77A586



52494B



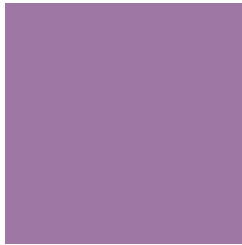
910016



120003

Previews

White Background



This preview shows how the Hex color 9E77A5 looks on a white 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

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

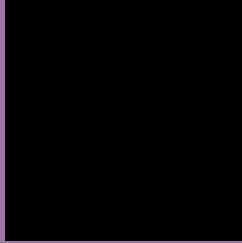
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 9E77A5 Background



This preview shows how black text looks on a background with the Hex color 9E77A5.

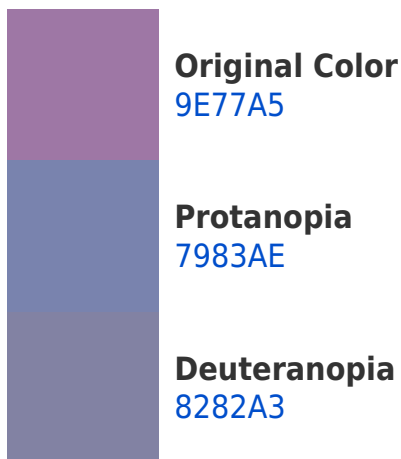



This preview shows how white text looks on a background with the Hex color 9E77A5.

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
9A7D86

Trichromacy



Original Color
9E77A5

Protanomaly
867FAB

Deuteranomaly
8C7EA4

Tritanomaly
9B7B91

Monochromacy



Original Color
9E77A5

Achromatopsia
888888

Achromatomaly
908293

CSS Examples

Text

The CSS property to change the color of the text to Hex 9E77A5 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 #9E77A5 looks like.

```
.text, #text, p{  
    color:#9E77A5  
}
```

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 #9E77A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E77A5
}
```

Border

The CSS property to change the border of an element to Hex 9E77A5 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
#9E77A5 }
```

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

```
.border{ border-color:#9E77A5 }
```

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

Here you see how a box with a 4 pixel #9E77A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E77A5; -webkit-box-shadow:4px 4px  
4px 4px #9E77A5; box-shadow:4px 4px 4px  
4px #9E77A5 }
```

Background

The CSS property to change the background color of an element to Hex 9E77A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E77A5 }
```

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

```
.background{ background-color:#9E77A5 }
```

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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