

# Converting Colors

Hex(997EA0)

Have a look what the booklet for  
Hex(997EA0) contains.

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# Color

Hex(997EA0)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	997EA0
RGB	153, 126, 160
RGB Percent	60%, 49%, 63%
CMY	0.4000, 0.5059, 0.3725
CMYK	0.04, 0.21, 0.00, 0.37
HSL	288°, 15%, 56%
HSV	288°, 21%, 63%
XYZ	26.9429, 24.2321, 36.5149
YIQ	137.9490, 5.1780, 16.2980

# Conversions

## Conversions Part 2

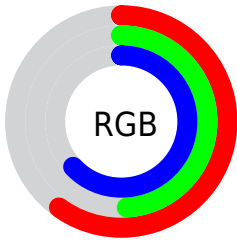
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	153, 126, 160
Decimal	10059424
CIE <sub>Lab</sub>	56.32, 16.73, -14.26
CIE <sub>LCh</sub>	56, 21.986, 319.550
Yxy	24.2321, 0.3073, 0.2763
Android (android.graphics.Color)	4288249504 (0xFF997EA0)
YUV	137.9490, 10.8711, 13.1997
Hunter-Lab	49.2261, 11.5526, -9.5219

# Details

The Hex color **997EA0** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **85A07E**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **D0B3D7**, and **664D6C** is the 20% darker color. If you saturate the color by 10%, you get **966EA0**, and if you desaturate by 10%, it is **9C8EA0**.

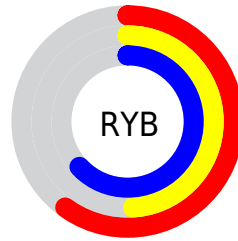
# Distribution



Red (60%)

Green (49%)

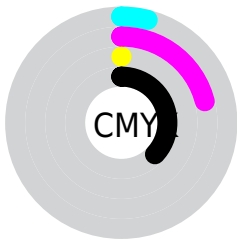
Blue (63%)



Red (60%)

Yellow (49%)

Blue (63%)

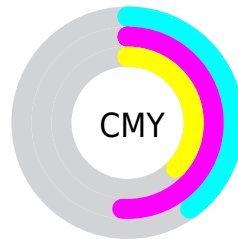


Cyan (4%)

Magenta (21%)

Yellow (0%)

Black (37%)



Cyan (40%)

Magenta (51%)

Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 997EA0 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 997EA0 by changing the saturation by 10% instead.



■ 997EA0

■ 997EA0

FFFFFF

■ 7F6586

■ D0B3D7

■ 664D6C

■ ECCEF3

■ 4D3654

■ FFEBFF

■ 36203D

■ 200B27

■ 000012

■ 000000

■ 997EA0

■ 997EA0

■ 966EA0

■ 9C8EA0

925EA0

A09EA0

8F4EA0

A3AEA0

8C3EA0

A6BEA0

892EA0

A9CEA0

851EA0

ADDEA0

820EA0

B0EEA0

7F00A0

B3FEA0

B7FFA0

# Harmonies

## Analogous

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



8184AB



997EA0



A97A8F

# Triad

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



997EA0



9B8462



4F9293

# Complementary

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



997EA0



85A07E

# 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.



5D917F



997EA0



888A63

# Square

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



997EA0



A97D6B



728F6E



528FA3

# Rectangle

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



997EA0



AD7982



728F6E



52928D



# Sweetspot

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



997EA0



CFC5D1



7E85A0



676169



E8E8E8



696969



# Same Dimension

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



997EA0



C69BD1



A07E96



4D474F



71008F



0C000F



# Inverse Universe

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



A07E85



D19BA6



7EA088



4F4749



8F001D

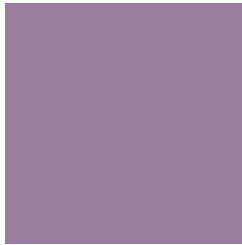


0F0003



# Previews

## White Background



This preview shows how the Hex color 997EA0 looks on a white background.

## Color Contrast Check

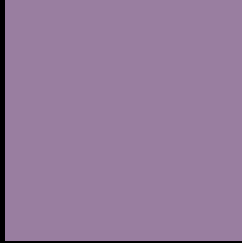
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



This preview shows how the Hex color 997EA0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

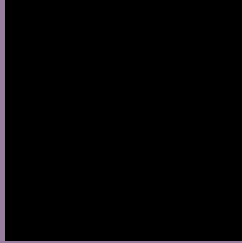
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 997EA0 Background



This preview shows how black text looks on a background with the Hex color 997EA0.

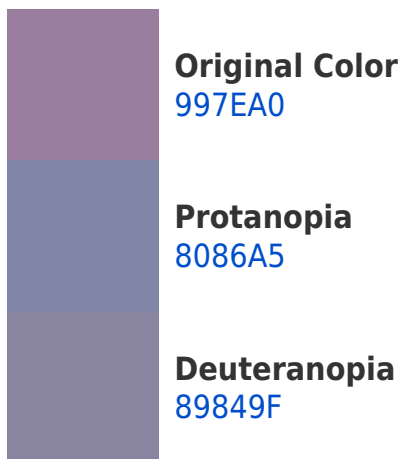



This preview shows how white text looks on a background with the Hex color 997EA0.

# 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**  
96828C

# Trichromacy



**Original Color**  
997EA0

**Protanomaly**  
8983A3

**Deuteranomaly**  
8F829F

**Tritanomaly**  
978193

# Monochromacy



**Original Color**  
997EA0

**Achromatopsia**  
8A8A8A

**Achromatomaly**  
8F8692

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 997EA0 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 #997EA0 looks like.

```
.text, #text, p{  
    color:#997EA0  
}
```

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 #997EA0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #997EA0
}
```

## Border

The CSS property to change the border of an element to Hex 997EA0 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
#997EA0 }
```

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

```
.border{ border-color:#997EA0 }
```

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

Here you see how a box with a 4 pixel #997EA0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #997EA0; -webkit-box-shadow:4px 4px  
4px 4px #997EA0; box-shadow:4px 4px 4px  
4px #997EA0 }
```

# Background

The CSS property to change the background color of an element to Hex 997EA0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#997EA0 }
```

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

```
.background{ background-color:#997EA0 }
```

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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