

# Converting Colors

Hex(987FA5)

Have a look what the booklet for  
Hex(987FA5) contains.

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# Color

Hex(987FA5)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	987FA5
RGB	152, 127, 165
RGB Percent	60%, 50%, 65%
CMY	0.4039, 0.5020, 0.3529
CMYK	0.08, 0.23, 0.00, 0.35
HSL	279°, 17%, 57%
HSV	279°, 23%, 65%
XYZ	27.3298, 24.5708, 38.8995
YIQ	138.8070, 2.7020, 17.1180

# Conversions

## Conversions Part 2

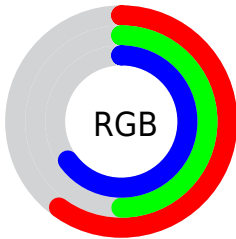
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	152, 127, 165
Decimal	9994149
CIE <sub>Lab</sub>	56.65, 16.85, -16.65
CIE <sub>LCh</sub>	57, 23.686, 315.347
Yxy	24.5708, 0.3010, 0.2706
Android (android.graphics.Color)	4288184229 (0xFF987FA5)
YUV	138.8070, 12.9131, 11.5703
Hunter-Lab	49.5689, 11.6704, -11.8300

# Details

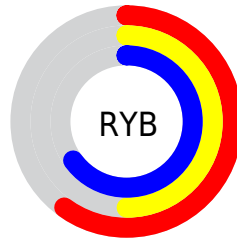
The Hex color **987FA5** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **8CA57F**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **CFB4DC**, and **654E71** is the 20% darker color. If you saturate the color by 10%, you get **926EA5**, and if you desaturate by 10%, it is **9E8FA5**.

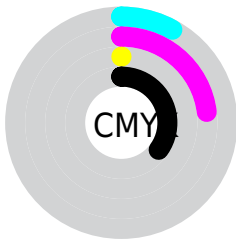
# Distribution



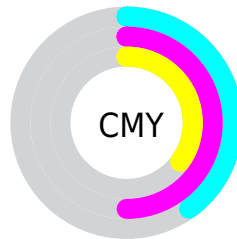
- Red (60%)
- Green (50%)
- Blue (65%)



- Red (60%)
- Yellow (50%)
- Blue (65%)



- Cyan (8%)
- Magenta (23%)
- Yellow (0%)
- Black (35%)



- Cyan (40%)
- Magenta (50%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 987FA5 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 987FA5 by changing the saturation by 10% instead.



■ 987FA5

■ 987FA5

FFFFFF

■ 7E668B

■ CFB4DC

■ 654E71

■ EBCFF9

■ 4C3759

■ FFECFF

■ 352141

■ 1F0C2B

■ 000016

■ 000000

■ 987FA5

■ 987FA5

■ 926EA5

■ 9E8FA5

8D5EA5

A3A0A5

874EA5

A9B0A5

813DA5

AFC1A5

7C2CA5

B4D1A5

761CA5

BAE2A5

700CA5

C0F3A5

6D00A5

C5FFA5

CBFFA5

# Harmonies

## Analogous

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



7D86AF



987FA5



AA7A93

# Triad

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



987FA5



A08360



4B9392

# Complementary

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



987FA5



8CA57F

# 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.



5D937D



987FA5



8C8A60

# Square

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



987FA5



AD7D6B



758F6A



4B91A5

# Rectangle

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



987FA5



B07985



758F6A



50938B



# Sweetspot

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



987FA5



D1C7D6



7F8CA5



68636B



EBEBEB



6B6B6B



# Same Dimension

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



987FA5



C29AD6



A57F9F



4F4952



600091



0C0012



# Inverse Universe

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



A57F8C



D69AAF



7FA585



52494C



910032

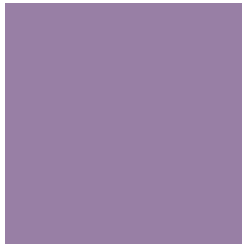


120006



# Previews

## White Background



This preview shows how the Hex color 987FA5 looks on a white background.

## Color Contrast Check

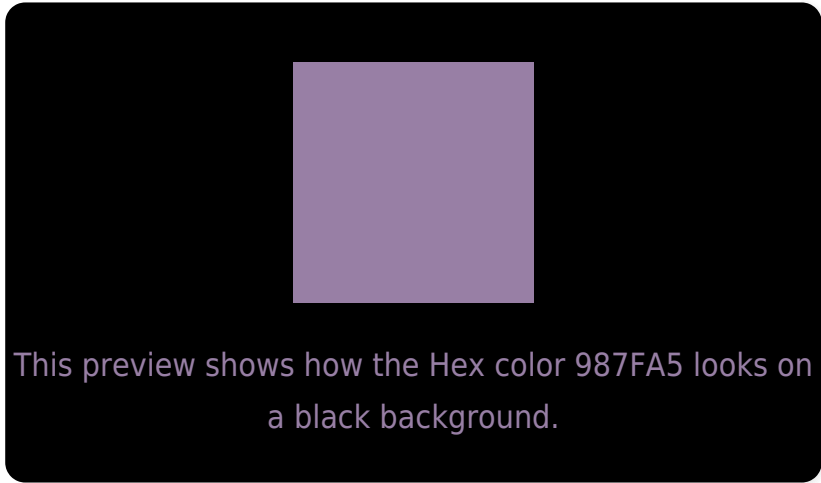
Large Text (above 18pt) WCAG AA ✓ Pass

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

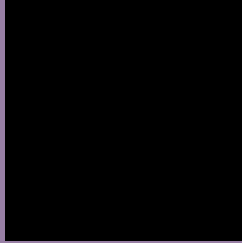
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 987FA5 Background



This preview shows how black text looks on a background with the Hex color 987FA5.

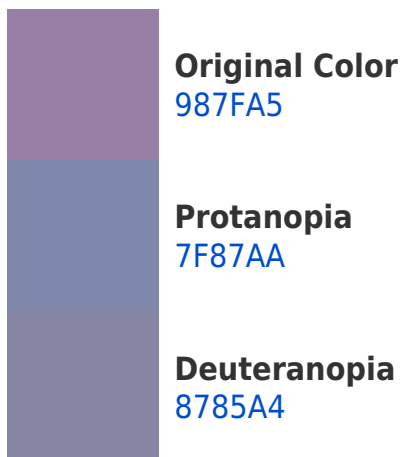


This preview shows how white text looks on a background with the Hex color 987FA5.

# 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**  
94838E

# Trichromacy



**Original Color**  
987FA5

**Protanomaly**  
8884A8

**Deuteranomaly**  
8D83A4

**Tritanomaly**  
958296

# Monochromacy



**Original Color**  
987FA5

**Achromatopsia**  
8B8B8B

**Achromatomaly**  
908794

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 987FA5 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 #987FA5 looks like.

```
.text, #text, p{  
    color:#987FA5  
}
```

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 #987FA5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #987FA5  
}
```

## Border

The CSS property to change the border of an element to Hex 987FA5 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  
#987FA5 }
```

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

```
.border{ border-color:#987FA5 }
```

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

Here you see how a box with a 4 pixel #987FA5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #987FA5; -webkit-box-shadow:4px 4px  
4px 4px #987FA5; box-shadow:4px 4px 4px  
4px #987FA5 }
```

# Background

The CSS property to change the background color of an element to Hex 987FA5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#987FA5 }
```

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

```
.background{ background-color:#987FA5 }
```

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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