

# Converting Colors

Hex(925780)

Have a look what the booklet for  
Hex(925780) contains.

<b>Hex(925780)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(925780)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	925780
RGB	146, 87, 128
RGB Percent	57%, 34%, 50%
CMY	0.4275, 0.6588, 0.4980
CMYK	0.00, 0.40, 0.12, 0.43
HSL	318°, 25%, 46%
HSV	318°, 40%, 57%
XYZ	19.1585, 14.4859, 22.2084
YIQ	109.3150, 22.0030, 25.2590

# Conversions

## Conversions Part 2

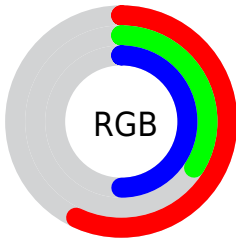
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	146, 87, 128
Decimal	9590656
CIE <sub>Lab</sub>	44.92, 30.57, -12.69
CIE <sub>LCh</sub>	45, 33.100, 337.455
Yxy	14.4859, 0.3430, 0.2594
Android (android.graphics.Color)	4287780736 (0xFF925780)
YUV	109.3150, 9.2117, 32.1727
Hunter-Lab	38.0603, 23.2464, -7.9537

# Details

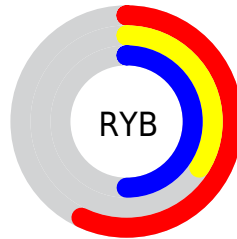
The Hex color **925780** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **579269**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **C98AB5**, and **5E274F** is the 20% darker color. If you saturate the color by 10%, you get **92487C**, and if you desaturate by 10%, it is **926684**.

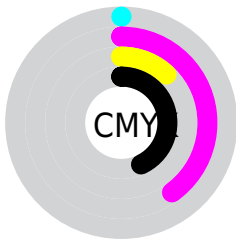
# Distribution



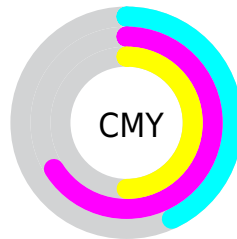
- Red (57%)
- Green (34%)
- Blue (50%)



- Red (57%)
- Yellow (34%)
- Blue (50%)



- Cyan (0%)
- Magenta (40%)
- Yellow (12%)
- Black (43%)



- Cyan (43%)
- Magenta (66%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 925780 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 925780 by changing the saturation by 10% instead.



 925780

 925780

FFFFFF

 783F67

 C98AB5

 5E274F


 E6A5D0

 450F38

 FFC0ED

 2E0022

 FFDCFF

 11000A

 FFF9FF

 000000

 925780

 925780

 92487C

 926684

 923A77

 927489

922B73

92838D

921D6E

929192

920E6A

92A096

920065

92AF9B

92BD9F

92CCA4

92DAA8

# Harmonies

## Analogous

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



766096



925780



9E5364

# Triad

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



925780



756B32



00778B

# Complementary

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



925780



579269

# 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.



007971



925780



57723D

# Square

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



925780



8C6137



327754



00739D

# Rectangle

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



925780



9E5652



327754



007883



# Sweetspot

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



925780



BDA6B6



695792



5E515A



DEDEDE



5E5E5E



# Same Dimension

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



925780



BD62A1



925763



4A4348



8A0060



0A0007



# Inverse Universe

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



925780



BD62A1



579286



4A4348



8A0060

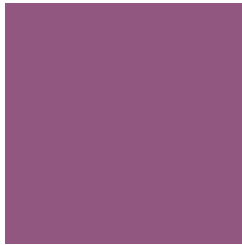


0A0007



# Previews

## White Background



This preview shows how the Hex color 925780 looks on a white background.

## Color Contrast Check

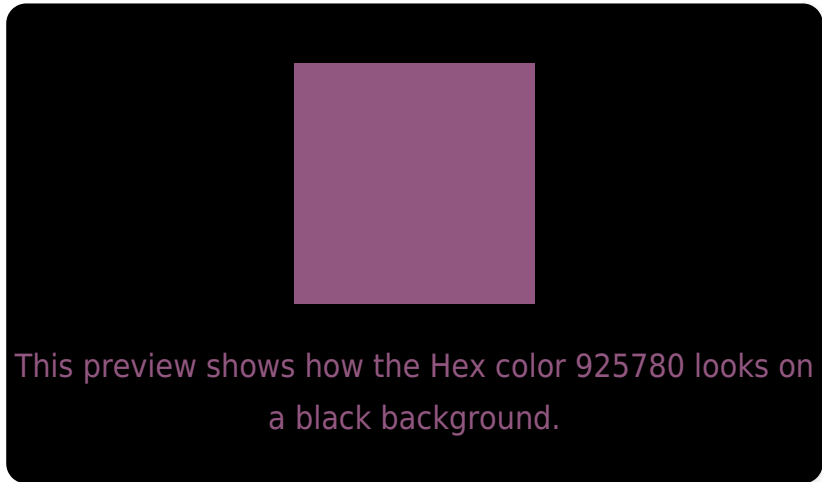
Large Text (above 18pt) WCAG AA ✓ Pass

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

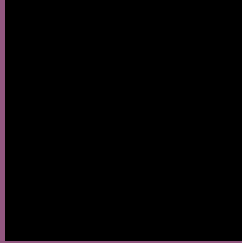
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 925780 Background



This preview shows how black text looks on a background with the Hex color 925780.

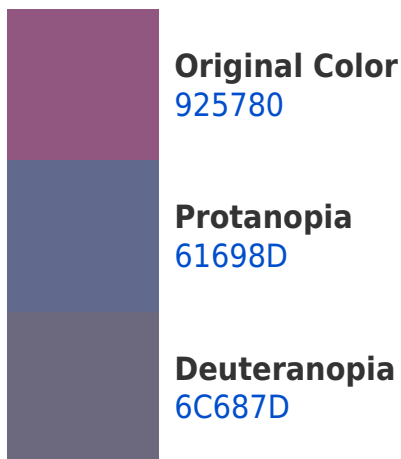


This preview shows how white text looks on a background with the Hex color 925780.

# 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**  
8F5D64

# Trichromacy



**Original Color**  
925780

**Protanomaly**  
736288

**Deuteranomaly**  
7A627E

**Tritanomaly**  
905B6E

# Monochromacy



**Original Color**  
925780

**Achromatopsia**  
6D6D6D

**Achromatomaly**  
7A6574

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 925780 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 #925780 looks like.

```
.text, #text, p{  
    color:#925780  
}
```

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 #925780 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #925780
}
```

## Border

The CSS property to change the border of an element to Hex 925780 is called "border". The border property can be set on classes, ids or directly on the HTML element.

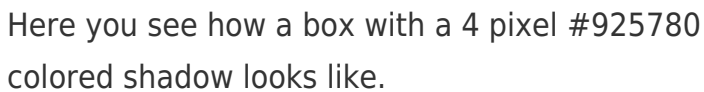
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#925780 }
```

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

```
.border{ border-color:#925780 }
```

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



Here you see how a box with a 4 pixel #925780 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #925780; -webkit-box-shadow:4px 4px  
4px 4px #925780; box-shadow:4px 4px 4px  
4px #925780 }
```

# Background

The CSS property to change the background color of an element to Hex 925780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#925780 }
```

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

```
.background{ background-color:#925780 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor