

# Converting Colors

Hex(945889)

Have a look what the booklet for  
Hex(945889) contains.

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**Color**

**Hex(945889)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	945889
RGB	148, 88, 137
RGB Percent	58%, 35%, 54%
CMY	0.4196, 0.6549, 0.4627
CMYK	0.00, 0.41, 0.07, 0.42
HSL	311°, 25%, 46%
HSV	311°, 41%, 58%
XYZ	20.2178, 15.0815, 25.5123
YIQ	111.5260, 20.0310, 27.9590

# Conversions

## Conversions Part 2

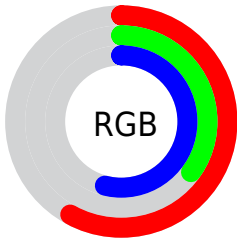
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	148, 88, 137
Decimal	9721993
CIE <sub>Lab</sub>	45.75, 32.33, -16.84
CIE <sub>LCh</sub>	46, 36.450, 332.481
Yxy	15.0815, 0.3325, 0.2480
Android (android.graphics.Color)	4287912073 (0xFF945889)
YUV	111.5260, 12.5587, 31.9877
Hunter-Lab	38.8349, 24.9678, -11.7658

# Details

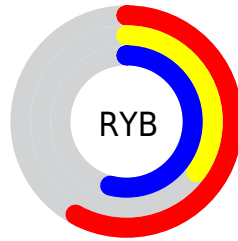
The Hex color **945889** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **589463**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **CB8BBE**, and **602857** is the 20% darker color. If you saturate the color by 10%, you get **944986**, and if you desaturate by 10%, it is **94678C**.

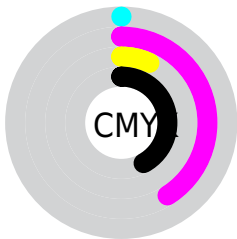
# Distribution



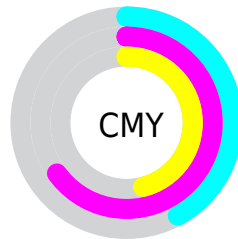
- Red (58%)
- Green (35%)
- Blue (54%)



- Red (58%)
- Yellow (35%)
- Blue (54%)



- Cyan (0%)
- Magenta (41%)
- Yellow (7%)
- Black (42%)



- Cyan (42%)
- Magenta (65%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 945889 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 945889 by changing the saturation by 10% instead.



 945889

 945889

FFFFFF

 7A4070

 CB8BBE

 602857

 E8A6DA

 470F40

 FFC2F7

 2F0029

 FFDEFF

 150014

 FFFBFF

 000000

 945889

 945889

 944986

 94678C

 943A84

 94768E

■ 942C81

■ 948491

■ 941D7E

■ 949394

■ 940E7B

■ 94A297

■ 940079

■ 94B199

■ 94C09C

■ 94CE9F

■ 94DDA1

# Harmonies

## Analogous

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



7263A0



945889



A4526B

# Triad

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



945889



7C6B2D



007B8C

# Complementary

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



945889



589463

# 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.



007C6E



945889



5C7437

# Square

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



945889



956036



34794F



0077A2

# Rectangle

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



945889



A55457



34794F



007C83



# Sweetspot

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



945889



BFA8BB



635894



61535E



E0E0E0



616161



# Same Dimension

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



945889



BF62AE



94586B



4A4349



8A0070



0A0008



# Inverse Universe

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



945889



BF62AE



589481



4A4349



8A0070

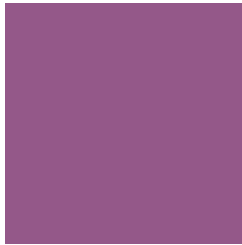


0A0008



# Previews

## White Background



This preview shows how the Hex color 945889 looks on a white background.

## Color Contrast Check

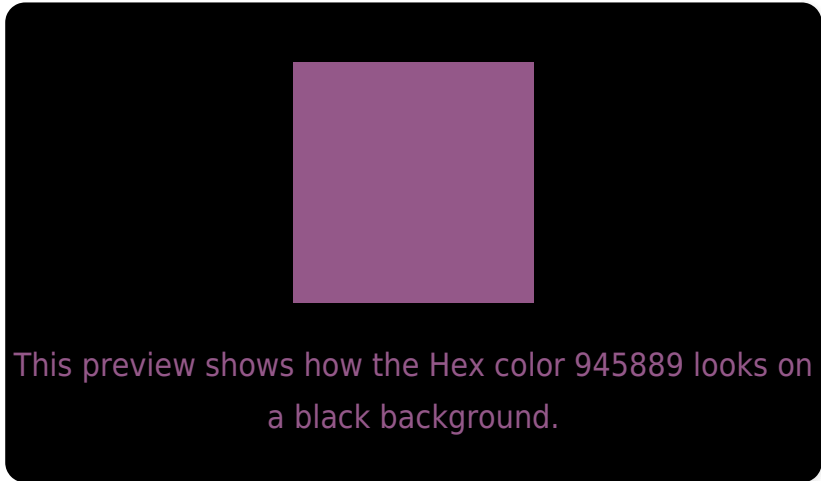
Large Text (above 18pt) WCAG AA ✓ Pass

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

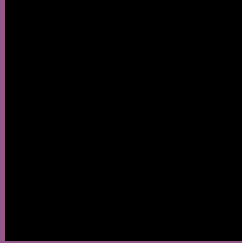
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 945889 Background



This preview shows how black text looks on a background with the Hex color 945889.



This preview shows how white text looks on a background with the Hex color 945889.

# 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](#).

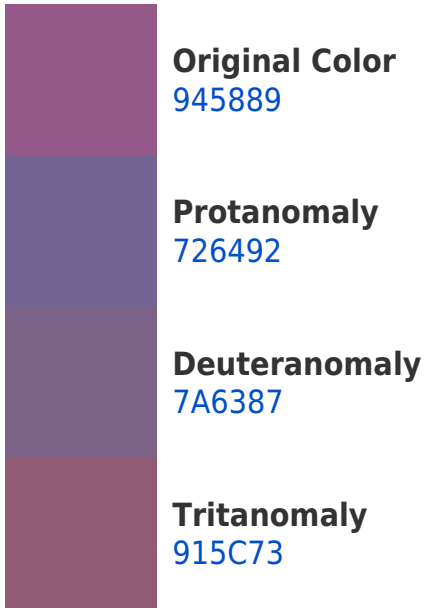
## Dichromacy



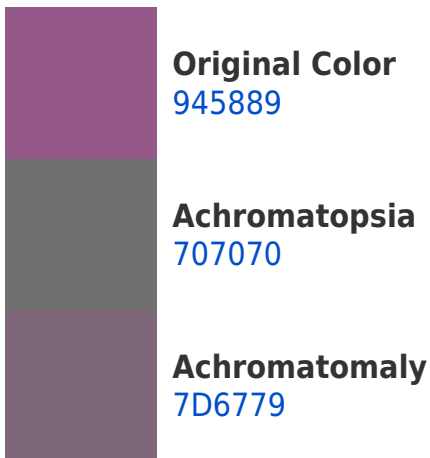


**Tritanopia**  
905F66

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 945889 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 #945889 looks like.

```
.text, #text, p{  
    color:#945889  
}
```

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 #945889 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #945889
}
```

## Border

The CSS property to change the border of an element to Hex 945889 is called "border". The border property can be set on classes, ids or directly on the HTML element.

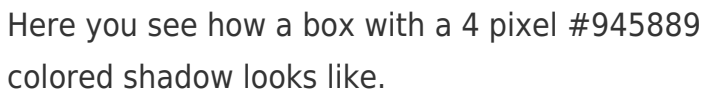
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#945889 }
```

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

```
.border{ border-color:#945889 }
```

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



Here you see how a box with a 4 pixel #945889 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #945889; -webkit-box-shadow:4px 4px  
4px 4px #945889; box-shadow:4px 4px 4px  
4px #945889 }
```

# Background

The CSS property to change the background color of an element to Hex 945889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#945889 }
```

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

```
.background{ background-color:#945889 }
```

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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