

# Converting Colors

Hex(945892)

Have a look what the booklet for  
Hex(945892) contains.

<b>Hex(945892)</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(945892)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	945892
RGB	148, 88, 146
RGB Percent	58%, 35%, 57%
CMY	0.4196, 0.6549, 0.4275
CMYK	0.00, 0.41, 0.01, 0.42
HSL	302°, 25%, 46%
HSV	302°, 41%, 58%
XYZ	20.8908, 15.3507, 29.0560
YIQ	112.5520, 17.1420, 30.7580

# Conversions

## Conversions Part 2

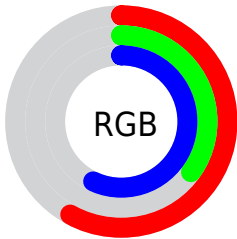
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	148, 88, 146
Decimal	9722002
CIE Lab	46.11, 34.03, -21.67
CIE LCh	46, 40.344, 327.504
Yxy	15.3507, 0.3199, 0.2351
Android (android.graphics.Color)	4287912082 (0xFF945892)
YUV	112.5520, 16.4899, 31.0879
Hunter-Lab	39.1799, 26.6115, -16.5438

# Details

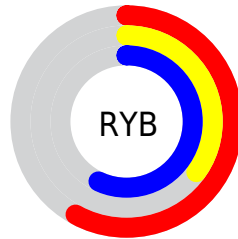
The Hex color **945892** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **58945A**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **CB8BC8**, and **60275F** is the 20% darker color. If you saturate the color by 10%, you get **944992**, and if you desaturate by 10%, it is **946792**.

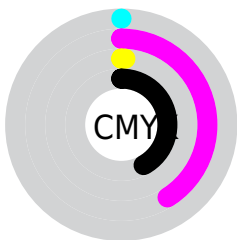
# Distribution



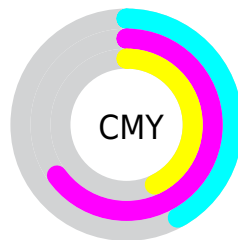
- Red (58%)
- Green (35%)
- Blue (57%)



- Red (58%)
- Yellow (35%)
- Blue (57%)



- Cyan (0%)
- Magenta (41%)
- Yellow (1%)
- Black (42%)



- Cyan (42%)
- Magenta (65%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 945892 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 945892 by changing the saturation by 10% instead.



 945892

 945892

FFFFFF

 793F78

 CB8BC8

 60275F

 E8A6E4

 470F47

 FFC2FF

 2F0031

 FFDEFF

 17001C

 FFFBFF

 000000

 945892

 945892

 944992

 946792

 943A91

 947693

942C91

948493

941D90

949394

940E90

94A294

94008F

94B195

94C095

94CE96

94DD96

# Harmonies

## Analogous

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



6A65A9



945892



A95071

# Triad

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



945892



836A26



007E8B

# Complementary

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



945892



58945A

# 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.



007E69



945892



61742E

# Square

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



945892



9C5E35



357B47



007AA6

# Rectangle

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



945892



AC515B



357B47



007E80



# Sweetspot

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



945892



BFA8BE



5A5894



615360



E0E0E0



616161



# Same Dimension

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



945892



BF62BC



945874



4A434A



8A0085



0A000A



# Inverse Universe

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



945892



BF62BC



589478



4A434A



8A0085

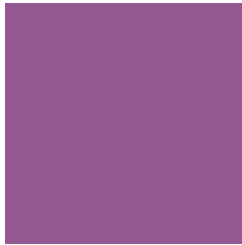


0A000A



# Previews

## White Background



This preview shows how the Hex color 945892 looks on a white background.

## Color Contrast Check

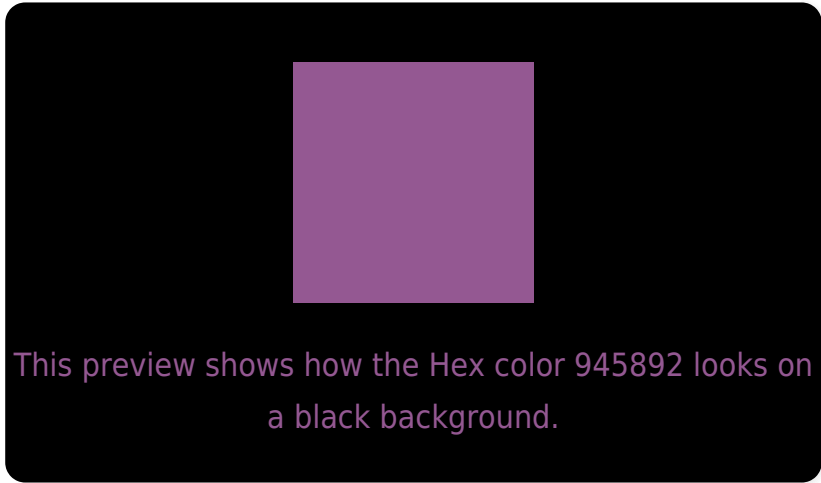
Large Text (above 18pt) WCAG AA ✓ Pass

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

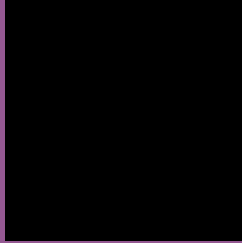
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 945892 Background



This preview shows how black text looks on a background with the Hex color 945892.

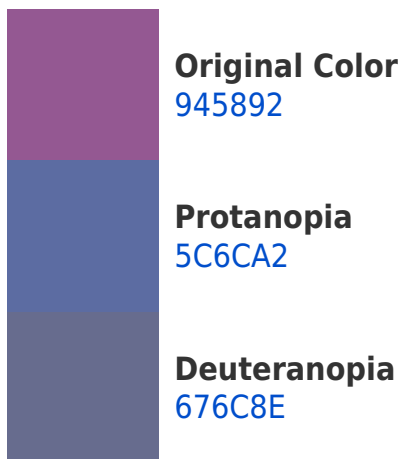


This preview shows how white text looks on a background with the Hex color 945892.

# 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](#).

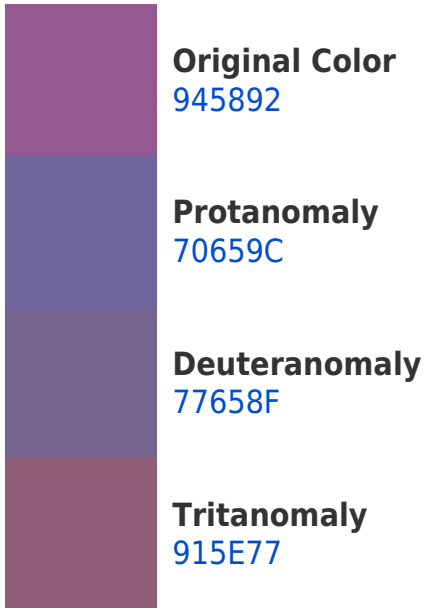
## Dichromacy



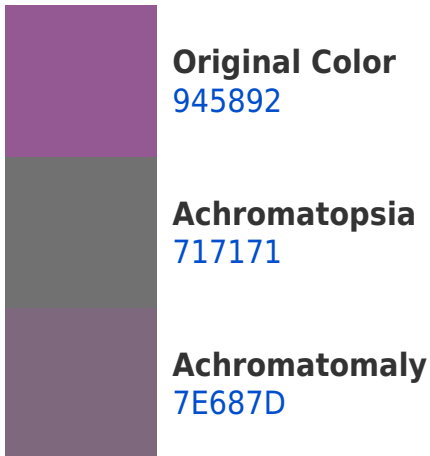


**Tritanopia**  
8F6168

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 945892 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 #945892 looks like.

```
.text, #text, p{  
    color:#945892  
}
```

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 #945892 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #945892  
}
```

## Border

The CSS property to change the border of an element to Hex 945892 is called "border". The border property can be set on classes, ids or directly on the HTML element.

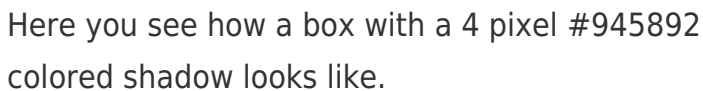
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#945892 }
```

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

```
.border{ border-color:#945892 }
```

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



Here you see how a box with a 4 pixel #945892 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #945892; -webkit-box-shadow:4px 4px  
4px 4px #945892; box-shadow:4px 4px 4px  
4px #945892 }
```

# Background

The CSS property to change the background color of an element to Hex 945892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#945892 }
```

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

```
.background{ background-color:#945892 }
```

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