

# Converting Colors

Hex(945F70)

Have a look what the booklet for  
Hex(945F70) contains.

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# Color

**Hex(945F70)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	945F70
RGB	148, 95, 112
RGB Percent	58%, 37%, 44%
CMY	0.4196, 0.6275, 0.5608
CMYK	0.00, 0.36, 0.24, 0.42
HSL	341°, 22%, 48%
HSV	341°, 36%, 58%
XYZ	19.2296, 15.6502, 17.3365
YIQ	112.7850, 26.1310, 16.5230

# Conversions

## Conversions Part 2

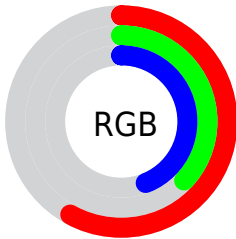
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	148, 95, 112
Decimal	9723760
CIE <sub>Lab</sub>	46.51, 24.08, -0.62
CIE <sub>LCh</sub>	47, 24.086, 358.523
Yxy	15.6502, 0.3683, 0.2997
Android (android.graphics.Color)	4287913840 (0xFF945F70)
YUV	112.7850, -0.3870, 30.8836
Hunter-Lab	39.5603, 17.5353, 1.7095

# Details

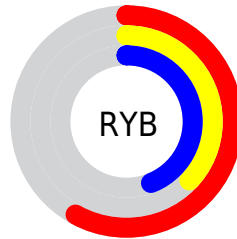
The Hex color **945F70** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **5F9483**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **CB92A4**, and **602F40** is the 20% darker color. If you saturate the color by 10%, you get **945066**, and if you desaturate by 10%, it is **946E7A**.

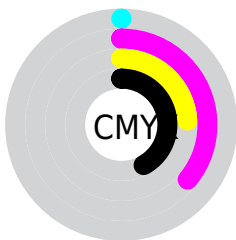
# Distribution



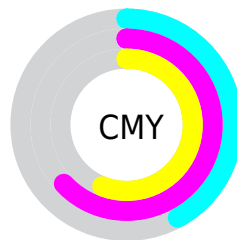
- Red (58%)
- Green (37%)
- Blue (44%)



- Red (58%)
- Yellow (37%)
- Blue (44%)



- Cyan (0%)
- Magenta (36%)
- Yellow (24%)
- Black (42%)



- Cyan (42%)
- Magenta (63%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 945F70 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 945F70 by changing the saturation by 10% instead.



 945F70

 945F70

FFFFFF

 7A4758

 CB92A4

 602F40

 E8ADBf

 47192A

 FFC9DB

 2F0316

 FFE5F7

 140000

 000000

 945F70

 945F70

 945066

 946E7A

 94415C

 947D84

■ 943352

■ 948B8E

■ 942448

■ 949A98

■ 94153E

■ 94A9A2

■ 940634

■ 94B8AC

■ 94002F

■ 94C7B6

■ 94D5C0

■ 94E4CA

# Harmonies

## Analogous

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



876384



945F70



96605C

# Triad

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



945F70



68734A



337690

# Complementary

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



945F70



5F9483

# 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.



287981



945F70



507759

# Square

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



945F70



7D6D46



38796C



517096

# Rectangle

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



945F70



916451



38796C



2C778C



# Sweetspot

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



945F70



BFAAB1



825F94



615458



E0E0E0



616161



# Same Dimension

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



945F70



BF6D87



94685F



4A4345



8A002C



0A0003



# Inverse Universe

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



945F70



BF6D87



5F8B94



4A4345



8A002C

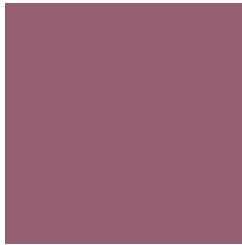


0A0003



# Previews

## White Background



This preview shows how the Hex color 945F70 looks on a white background.

## Color Contrast Check

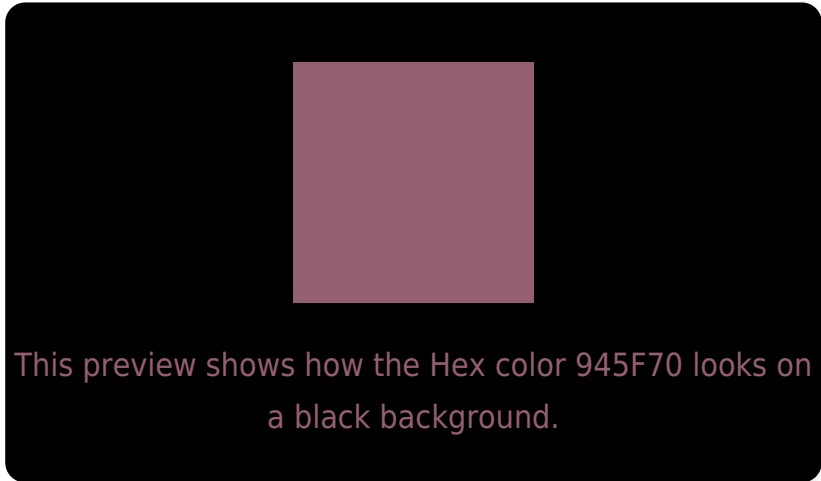
Large Text (above 18pt) WCAG AA ✓ Pass

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

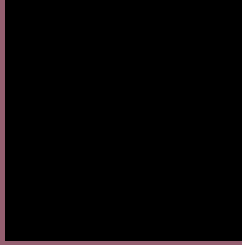
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 945F70 Background



This preview shows how black text looks on a background with the Hex color 945F70.

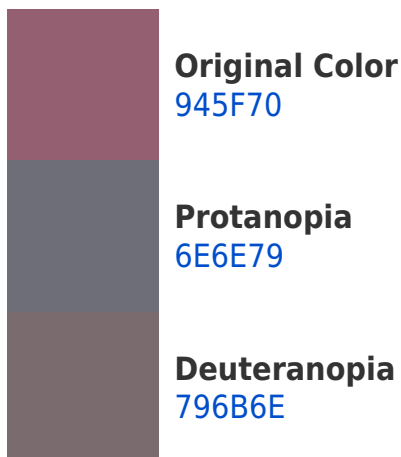



This preview shows how white text looks on a background with the Hex color 945F70.

# 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**  
936068

# Trichromacy



**Original Color**  
945F70

**Protanomaly**  
7C6976

**Deuteranomaly**  
83676F

**Tritanomaly**  
93606B

# Monochromacy



**Original Color**  
945F70

**Achromatopsia**  
717171

**Achromatomaly**  
7E6A71

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 945F70 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 #945F70 looks like.

```
.text, #text, p{  
    color:#945F70  
}
```

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 #945F70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #945F70
}
```

## Border

The CSS property to change the border of an element to Hex 945F70 is called "border". The border property can be set on classes, ids or directly on the HTML element.

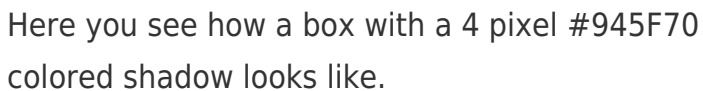
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#945F70 }
```

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

```
.border{ border-color:#945F70 }
```

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



Here you see how a box with a 4 pixel #945F70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #945F70; -webkit-box-shadow:4px 4px  
4px 4px #945F70; box-shadow:4px 4px 4px  
4px #945F70 }
```

# Background

The CSS property to change the background color of an element to Hex 945F70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#945F70 }
```

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

```
.background{ background-color:#945F70 }
```

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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