

Converting Colors

Hex(954D7F)

Have a look what the booklet for
Hex(954D7F) contains.

Hex(954D7F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(954D7F)

Conversions

Conversions Part 1

Format	Color
Hex	954D7F
RGB	149, 77, 127
RGB Percent	58%, 30%, 50%
CMY	0.4157, 0.6980, 0.5020
CMYK	0.00, 0.48, 0.15, 0.42
HSL	318°, 32%, 44%
HSV	318°, 48%, 58%
XYZ	18.8791, 13.2296, 21.6372
YIQ	104.2280, 26.8620, 30.8140

Conversions

Conversions Part 2

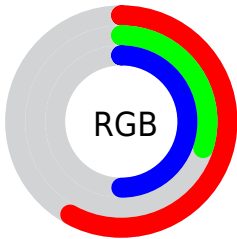
Format	Color
R_{YB}	149, 77, 127
Decimal	9784703
CIE _{Lab}	43.11, 36.96, -14.80
CIE _{LCh}	43, 39.813, 338.175
Yxy	13.2296, 0.3513, 0.2462
Android (android.graphics.Color)	4287974783 (0xFF954D7F)
YUV	104.2280, 11.2266, 39.2650
Hunter-Lab	36.3725, 28.9980, -9.8095

Details

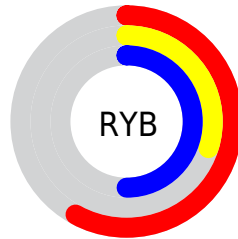
The Hex color **954D7F** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **4D9563**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **CD80B4**, and **601B4E** is the 20% darker color. If you saturate the color by 10%, you get **953E7A**, and if you desaturate by 10%, it is **955C84**.

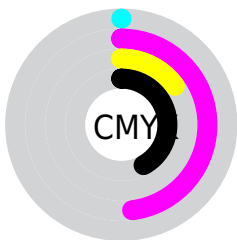
Distribution



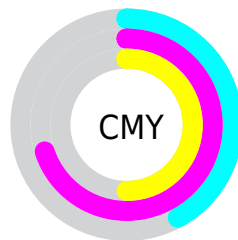
- Red (58%)
- Green (30%)
- Blue (50%)



- Red (58%)
- Yellow (30%)
- Blue (50%)



- Cyan (0%)
- Magenta (48%)
- Yellow (15%)
- Black (42%)



- Cyan (42%)
- Magenta (70%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 954D7F 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 954D7F by changing the saturation by 10% instead.

954D7F

954D7F

FFFFFF

7A3466

CD80B4

601B4E

E99BCF

470037

FFB6EC

300022

FFD2FF

0F0007

FFEFFF

000000

954D7F

954D7F

953E7A

955C84

952F76

956B88

952071

957A8D

95116D

958991

950268

959896

950067

95A69A

95B59F

95C4A3

95D3A8

Harmonies

Analogous

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



74599A



954D7F



A2485E

Triad

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



954D7F



706720



00758E

Complementary

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



954D7F



4D9563

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.



00766E



954D7F



4C6F2F

Square

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



954D7F



8C5B27



13744C



0070A3

Rectangle

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



954D7F



A14C49



13744C



007684

Sweetspot

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



954D7F



C2A7BA



634D95



61505C



E0E0E0



616161

Same Dimension

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



954D7F



C2519F



954D5B



4A4348



8A0060



0A0007

Inverse Universe

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



954D7F



C2519F



4D9587



4A4348



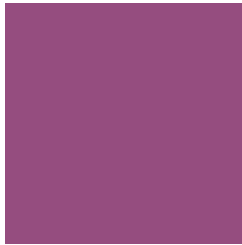
8A0060



0A0007

Previews

White Background



This preview shows how the Hex color 954D7F looks on a white background.

Color Contrast Check

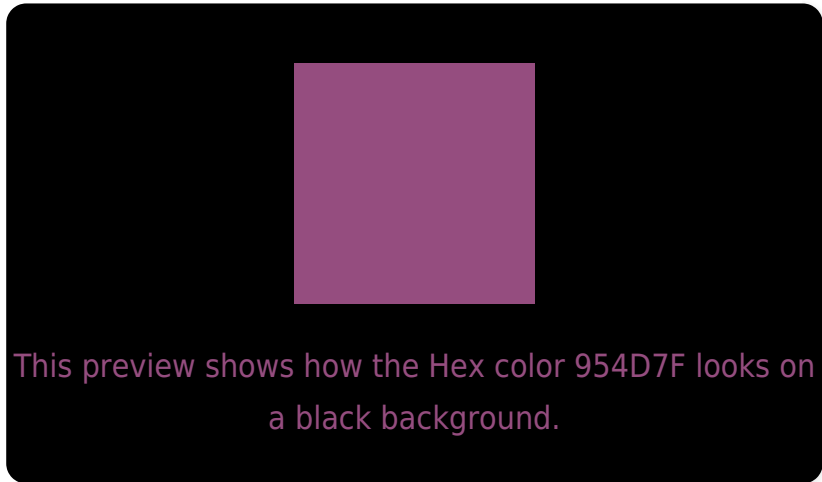
Large Text (above 18pt) WCAG AA ✓ Pass

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

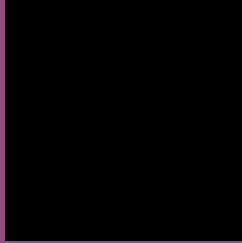
Any Text WCAG AA × Fail

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 954D7F Background



This preview shows how black text looks on a background with the Hex color 954D7F.

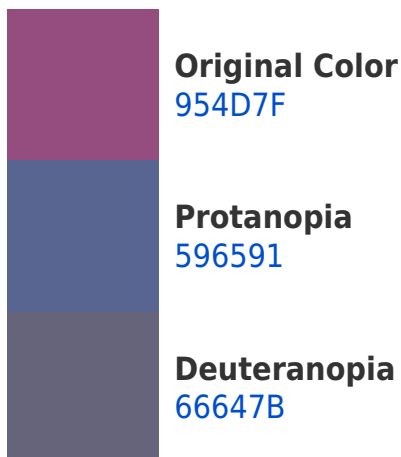


This preview shows how white text looks on a background with the Hex color 954D7F.

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
91555B

Trichromacy



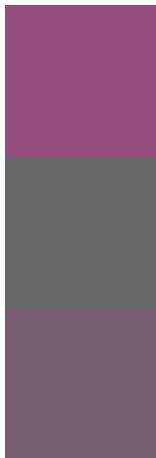
Original Color
954D7F

Protanomaly
6F5C8A

Deuteranomaly
775C7C

Tritanomaly
925268

Monochromacy



Original Color
954D7F

Achromatopsia
686868

Achromatomaly
785E70

CSS Examples

Text

The CSS property to change the color of the text to Hex 954D7F 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 #954D7F looks like.

```
.text, #text, p{  
    color:#954D7F  
}
```

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 #954D7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #954D7F
}
```

Border

The CSS property to change the border of an element to Hex 954D7F is called "border". The border property can be set on classes, ids or directly on the HTML element.

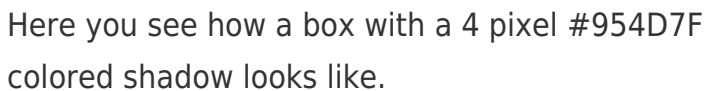
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#954D7F }
```

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

```
.border{ border-color:#954D7F }
```

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



Here you see how a box with a 4 pixel #954D7F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #954D7F; -webkit-box-shadow:4px 4px  
4px 4px #954D7F; box-shadow:4px 4px 4px  
4px #954D7F }
```

Background

The CSS property to change the background color of an element to Hex 954D7F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#954D7F }
```

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

```
.background{ background-color:#954D7F }
```

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