

Converting Colors

Hex(945A81)

Have a look what the booklet for
Hex(945A81) contains.

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Color

Hex(945A81)

Conversions

Conversions Part 1

Format	Color
Hex	945A81
RGB	148, 90, 129
RGB Percent	58%, 35%, 51%
CMY	0.4196, 0.6471, 0.4941
CMYK	0.00, 0.39, 0.13, 0.42
HSL	320°, 24%, 47%
HSV	320°, 39%, 58%
XYZ	19.8314, 15.1932, 22.6562
YIQ	111.7880, 22.0490, 24.4250

Conversions

Conversions Part 2

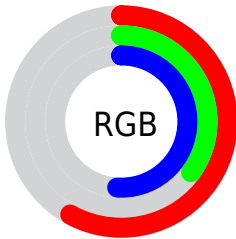
Format	Color
R_{YB}	148, 90, 129
Decimal	9722497
CIE _{Lab}	45.90, 29.76, -11.79
CIE _{LCh}	46, 32.009, 338.378
Yxy	15.1932, 0.3438, 0.2634
Android (android.graphics.Color)	4287912577 (0xFF945A81)
YUV	111.7880, 8.4855, 31.7579
Hunter-Lab	38.9785, 22.6044, -7.1774

Details

The Hex color **945A81** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **5A946D**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **CB8DB6**, and **602A50** is the 20% darker color. If you saturate the color by 10%, you get **944B7C**, and if you desaturate by 10%, it is **946986**.

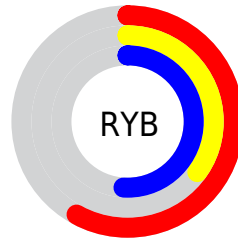
Distribution



Red (58%)

Green (35%)

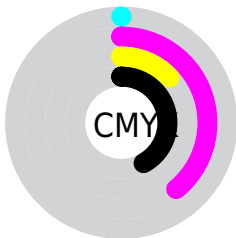
Blue (51%)



Red (58%)

Yellow (35%)

Blue (51%)

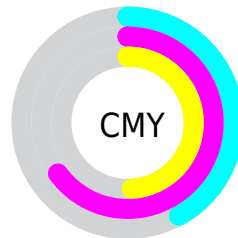


Cyan (0%)

Magenta (39%)

Yellow (13%)

Black (42%)



Cyan (42%)

Magenta (65%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 945A81 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 945A81 by changing the saturation by 10% instead.

945A81

945A81

FFFFFF

7A4268

CB8DB6

602A50

E8A8D2

471239

FFC3EE

2F0023

FFE0FF

16000C

FFFCFF

000000

945A81

945A81

944B7C

946986

943C77

94788B

942E72

948690

941F6E

949594

941069

94A499

940164

94B39E

940064

94C2A3

94D0A8

94DFAD

Harmonies

Analogous

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



796397



945A81



A05766

Triad

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



945A81



766E36



00798D

Complementary

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



945A81



5A946D

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.



007B74



945A81



597541

Square

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



945A81



8D643B



367958



08759E

Rectangle

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



945A81



9F5955



367958



007A85

Sweetspot

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



945A81



BFA8B8



6C5A94



61535C



E0E0E0



616161

Same Dimension

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



945A81



BF65A2



945A65



4A4348



8A005D



0A0007

Inverse Universe

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



945A81



BF65A2



5A9489



4A4348



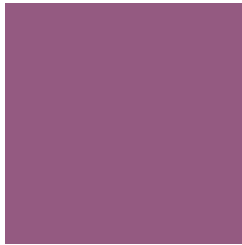
8A005D



0A0007

Previews

White Background



This preview shows how the Hex color 945A81 looks on a white background.

Color Contrast Check

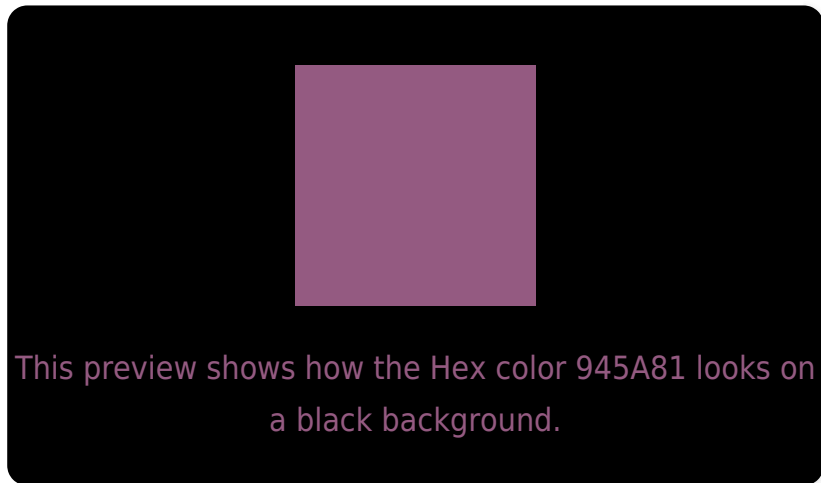
Large Text (above 18pt) WCAG AA ✓ Pass

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

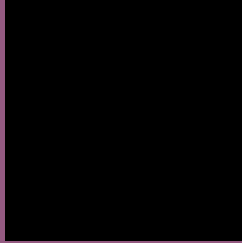
Any Text WCAG AA × Fail

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 945A81 Background



This preview shows how black text looks on a background with the Hex color 945A81.

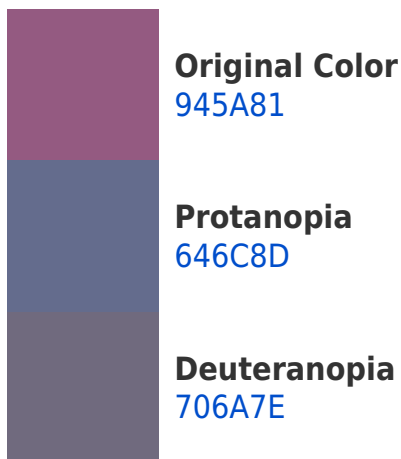


This preview shows how white text looks on a background with the Hex color 945A81.

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](#).

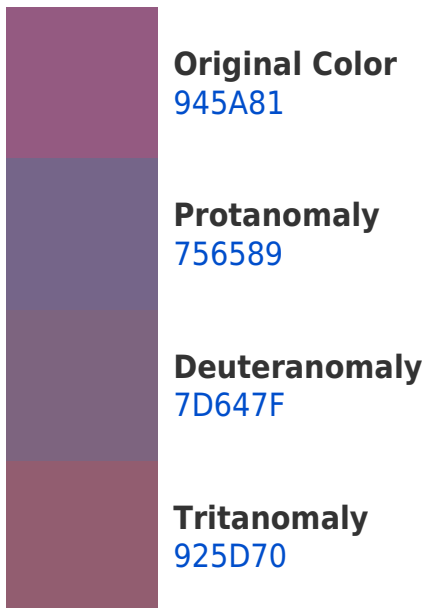
Dichromacy



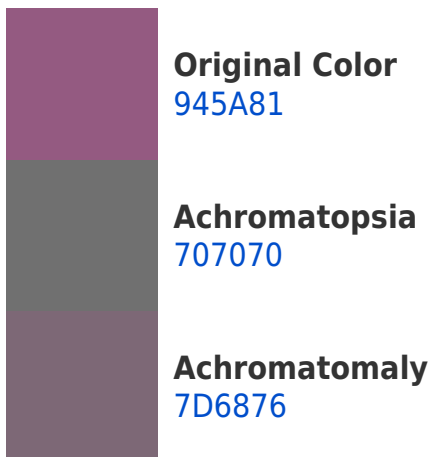


Tritanopia
915F66

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 945A81 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 #945A81 looks like.

```
.text, #text, p{  
    color:#945A81  
}
```

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 #945A81 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #945A81
}
```

Border

The CSS property to change the border of an element to Hex 945A81 is called "border". The border property can be set on classes, ids or directly on the HTML element.

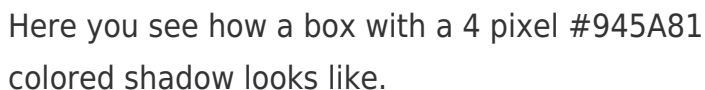
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#945A81 }
```

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

```
.border{ border-color:#945A81 }
```

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



Here you see how a box with a 4 pixel #945A81 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #945A81; -webkit-box-shadow:4px 4px  
4px 4px #945A81; box-shadow:4px 4px 4px  
4px #945A81 }
```

Background

The CSS property to change the background color of an element to Hex 945A81 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#945A81 }
```

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

```
.background{ background-color:#945A81 }
```

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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