

Converting Colors

Hex(944679)

Have a look what the booklet for
Hex(944679) contains.

Hex(944679)	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(944679)

Conversions

Conversions Part 1

Format	Color
Hex	944679
RGB	148, 70, 121
RGB Percent	58%, 27%, 47%
CMY	0.4196, 0.7255, 0.5255
CMYK	0.00, 0.53, 0.18, 0.42
HSL	321°, 36%, 43%
HSV	321°, 53%, 58%
XYZ	17.8541, 12.0567, 19.4753
YIQ	99.1360, 30.1170, 32.3970

Conversions

Conversions Part 2

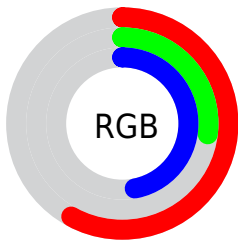
Format	Color
R_{YB}	148, 70, 121
Decimal	9717369
CIE _{Lab}	41.31, 39.34, -13.88
CIE _{LCh}	41, 41.722, 340.565
Yxy	12.0567, 0.3615, 0.2441
Android (android.graphics.Color)	4287907449 (0xFF944679)
YUV	99.1360, 10.7790, 42.8537
Hunter-Lab	34.7227, 31.0181, -8.9487

Details

The Hex color **944679** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **469461**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **CC79AD**, and **5F1248** is the 20% darker color. If you saturate the color by 10%, you get **943774**, and if you desaturate by 10%, it is **94557E**.

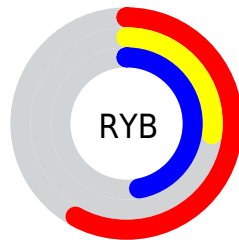
Distribution



Red (58%)

Green (27%)

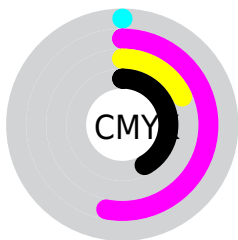
Blue (47%)



Red (58%)

Yellow (27%)

Blue (47%)

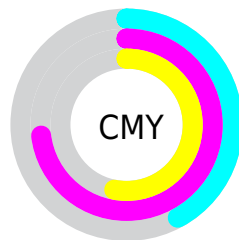


Cyan (0%)

Magenta (53%)

Yellow (18%)

Black (42%)



Cyan (42%)

Magenta (73%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 944679 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 944679 by changing the saturation by 10% instead.

■ 944679

■ 944679

FFFFFF

■ 792D60

■ CC79AD

■ 5F1248

■ E994C9

■ 450032

■ FFAFE5

■ 2F001D

■ FFCBFF

■ 050000

■ FFE8FF

■ 000000

■ 944679

■ 944679

■ 943774

■ 94557E

■ 94286F

■ 946483

941A6A

947288

940B65

94818D

940061

949093

949F98

94AE9D

94BCA2

94CBA7

Harmonies

Analogous

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



735396



944679



A04257

Triad

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



944679



686418



00718D

Complementary

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



944679



469461

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.



00726D



944679



436C2A

Square

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



944679



86581E



007149



006BA2

Rectangle

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



944679



9E4641



007149



007183

Sweetspot

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



944679



BFA1B5



604694



614E5B



E0E0E0



616161

Same Dimension

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



944679



BF4796



944653



4A4347



8A005A



0A0007

Inverse Universe

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



944679



BF4796



469487



4A4347



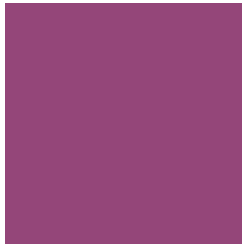
8A005A



0A0007

Previews

White Background



This preview shows how the Hex color 944679 looks on a white background.

Color Contrast Check

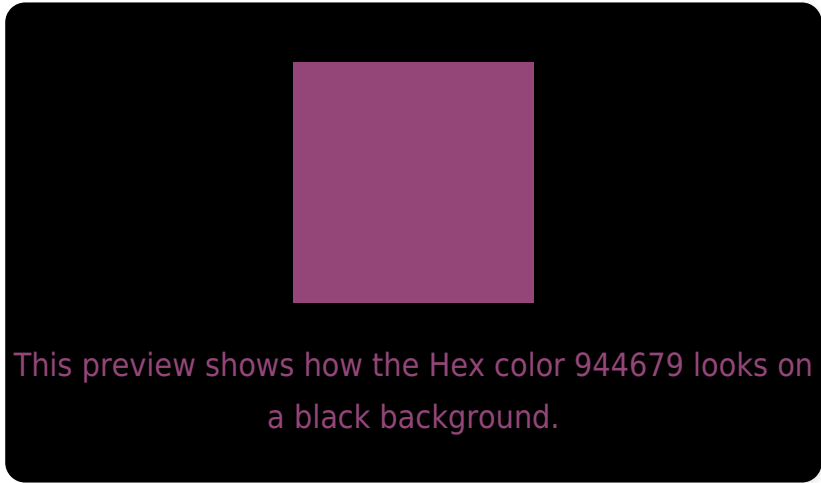
Large Text (above 18pt) WCAG AA ✓ Pass

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

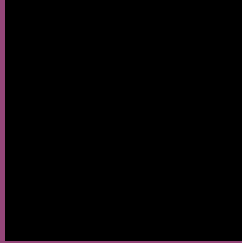
Any Text WCAG AA × Fail

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 944679 Background



This preview shows how black text looks on a background with the Hex color 944679.

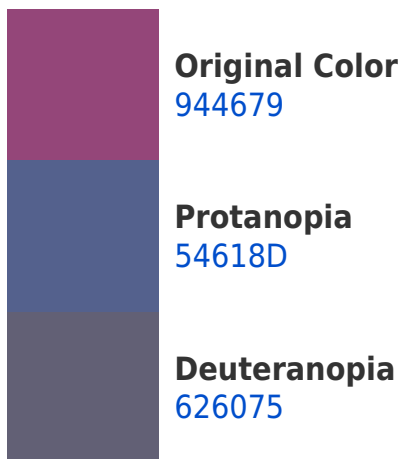


This preview shows how white text looks on a background with the Hex color 944679.

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](#).

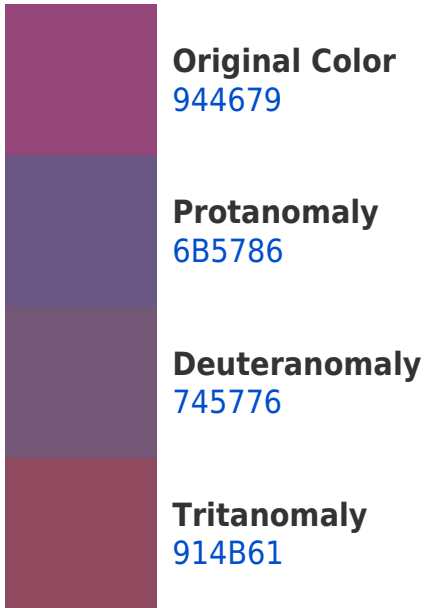
Dichromacy



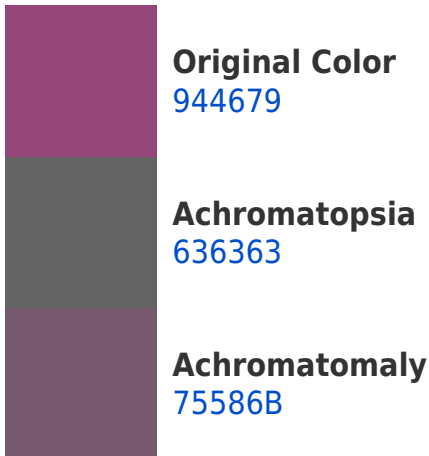


Tritanopia
904E54

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 944679 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 #944679 looks like.

```
.text, #text, p{  
    color:#944679  
}
```

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 #944679 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #944679
}
```

Border

The CSS property to change the border of an element to Hex 944679 is called "border". The border property can be set on classes, ids or directly on the HTML element.

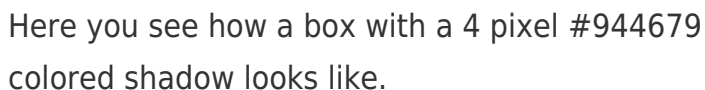
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#944679 }
```

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

```
.border{ border-color:#944679 }
```

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



Here you see how a box with a 4 pixel #944679 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #944679; -webkit-box-shadow:4px 4px  
4px 4px #944679; box-shadow:4px 4px 4px  
4px #944679 }
```

Background

The CSS property to change the background color of an element to Hex 944679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#944679 }
```

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

```
.background{ background-color:#944679 }
```

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