

Converting Colors

Hex(94306F)

Have a look what the booklet for
Hex(94306F) contains.

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Color

Hex(94306F)

Conversions

Conversions Part 1

Format	Color
Hex	94306F
RGB	148, 48, 111
RGB Percent	58%, 19%, 44%
CMY	0.4196, 0.8118, 0.5647
CMYK	0.00, 0.68, 0.25, 0.42
HSL	322°, 51%, 38%
HSV	322°, 68%, 58%
XYZ	16.1389, 9.5575, 16.0331
YIQ	85.0820, 39.3770, 40.7930

Conversions

Conversions Part 2

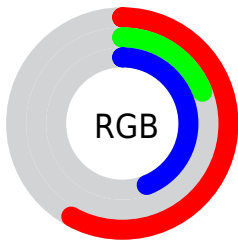
Format	Color
RYB	148, 48, 111
Decimal	9711727
CIELab	37.04, 48.27, -14.17
CIELCh	37, 50.307, 343.639
Yxy	9.5575, 0.3868, 0.2290
Android (android.graphics.Color)	4287901807 (0xFF94306F)
YUV	85.0820, 12.7776, 55.1791
Hunter-Lab	30.9152, 39.0823, -9.1080

Details

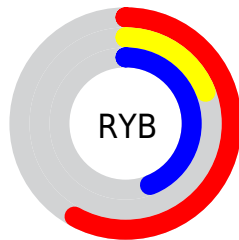
The Hex color **94306F** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **309455**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **CD65A3**, and **5E003F** is the 20% darker color. If you saturate the color by 10%, you get **94216A**, and if you desaturate by 10%, it is **943F74**.

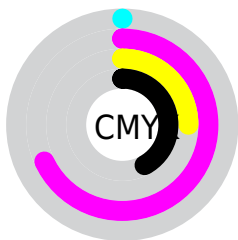
Distribution



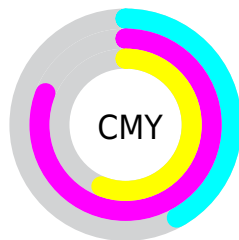
- Red (58%)
- Green (19%)
- Blue (44%)



- Red (58%)
- Yellow (19%)
- Blue (44%)



- Cyan (0%)
- Magenta (68%)
- Yellow (25%)
- Black (42%)



- Cyan (42%)
- Magenta (81%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 94306F 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 94306F by changing the saturation by 10% instead.

■ 94306F

■ 94306F

FFFFFF

■ 781157

■ CD65A3

■ 5E003F

■ EA80BE

■ 430029

■ FF9BDA

■ 2C0014

■ FFB7F6

■ 000000

■ FFD4FF

■ FFF1FF

■ 94306F

■ 94306F

■ 94216A

■ 943F74

 941264

 944E7A

 94045F

 945C7F

 94005D

 946B85

 947A8A

 948990

 949895

 94A69B

 94B5A0

Harmonies

Analogous

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



704392



94306F



9F2C46

Triad

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



94306F



595B00



00688E

Complementary

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



94306F



309455

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.



006A69



94306F



286415

Square

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



94306F



7C4D00



00683F



0062A5

Rectangle

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



94306F



9A342D



00683F



006983

Sweetspot

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



94306F



BF99B1



553094



614A58



E0E0E0



616161

Same Dimension

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



94306F



BF2486



94303D



4A4347



8A0057



0A0006

Inverse Universe

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



94306F



BF2486



309487



4A4347



8A0057



0A0006

Previews

White Background



This preview shows how the Hex color 94306F looks on a white background.

Color Contrast Check

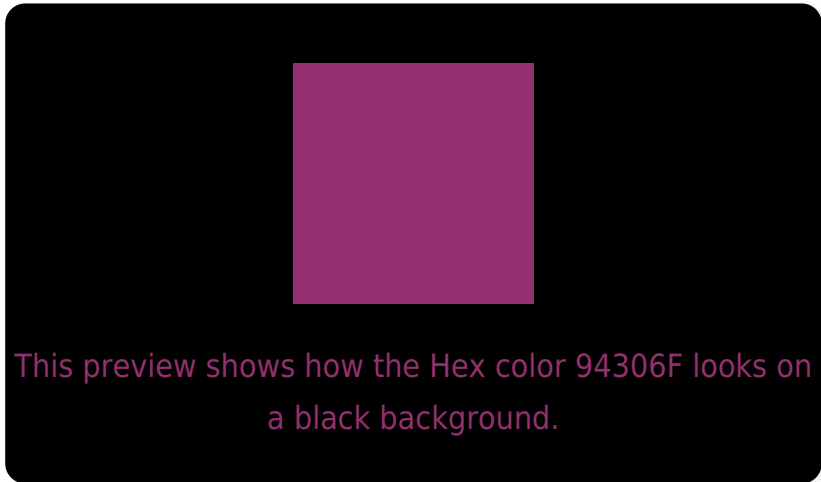
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 94306F Background



This preview shows how black text looks on a background with the Hex color 94306F.




This preview shows how white text looks on a background with the Hex color 94306F.

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](#).

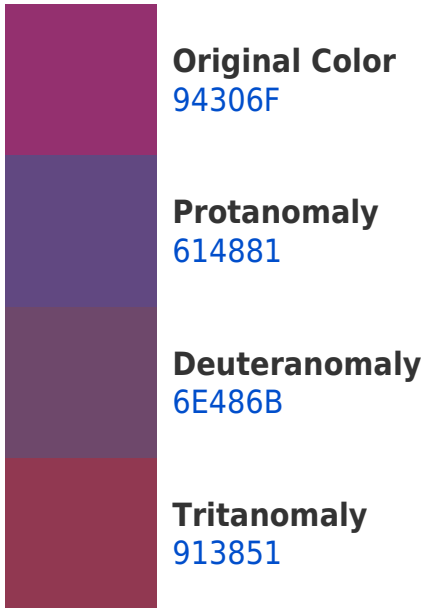
Dichromacy



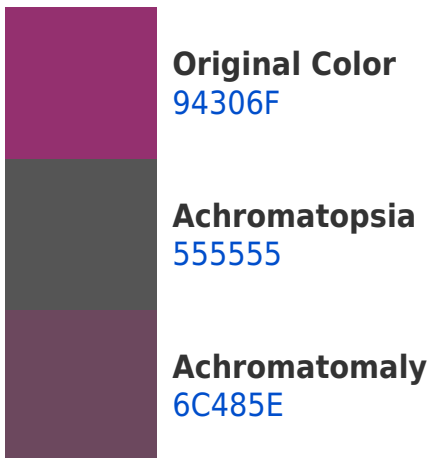


Tritanopia
903C40

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 94306F 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 #94306F looks like.

```
.text, #text, p{  
    color:#94306F  
}
```

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 #94306F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94306F
}
```

Border

The CSS property to change the border of an element to Hex 94306F is called "border". The border property can be set on classes, ids or directly on the HTML element.

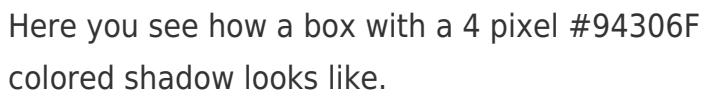
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#94306F }
```

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

```
.border{ border-color:#94306F }
```

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



Here you see how a box with a 4 pixel #94306F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94306F; -webkit-box-shadow:4px 4px  
4px 4px #94306F; box-shadow:4px 4px 4px  
4px #94306F }
```

Background

The CSS property to change the background color of an element to Hex 94306F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94306F }
```

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

```
.background{ background-color:#94306F }
```

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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