

Converting Colors

Hex(94407C)

Have a look what the booklet for
Hex(94407C) contains.

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Color

Hex(94407C)

Conversions

Conversions Part 1

Format	Color
Hex	94407C
RGB	148, 64, 124
RGB Percent	58%, 25%, 49%
CMY	0.4196, 0.7490, 0.5137
CMYK	0.00, 0.57, 0.16, 0.42
HSL	317°, 40%, 42%
HSV	317°, 57%, 58%
XYZ	17.6842, 11.4179, 20.3406
YIQ	95.9560, 30.8040, 36.4680

Conversions

Conversions Part 2

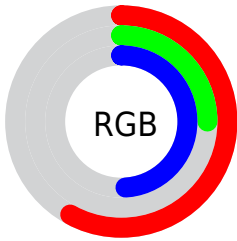
Format	Color
R_{YB}	148, 64, 124
Decimal	9715836
CIE _{Lab}	40.28, 42.88, -17.30
CIE _{LCh}	40, 46.236, 338.021
Yxy	11.4179, 0.3577, 0.2309
Android (android.graphics.Color)	4287905916 (0xFF94407C)
YUV	95.9560, 13.8257, 45.6426
Hunter-Lab	33.7904, 34.2848, -12.0371

Details

The Hex color **94407C** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **409458**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **CC74B1**, and **5F074B** is the 20% darker color. If you saturate the color by 10%, you get **943178**, and if you desaturate by 10%, it is **944F80**.

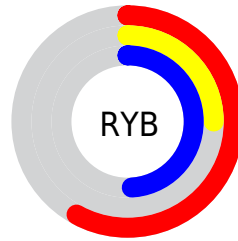
Distribution



Red (58%)

Green (25%)

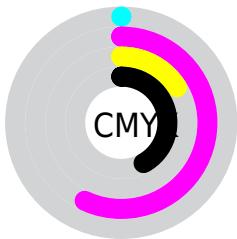
Blue (49%)



Red (58%)

Yellow (25%)

Blue (49%)

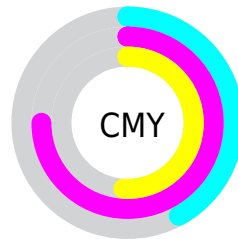


Cyan (0%)

Magenta (57%)

Yellow (16%)

Black (42%)



Cyan (42%)

Magenta (75%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 94407C 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 94407C by changing the saturation by 10% instead.

■ 94407C

■ 94407C

FFFFFF

■ 792663

■ CC74B1

■ 5F074B

■ E98ECC

■ 450034

■ FFAAE8

■ 2F001F

■ FFC6FF

■ 020001

■ FFE2FF

■ 000000

■ 94407C

■ 94407C

■ 943178

■ 944F80

■ 942274

■ 945E84

94146F

946C89

94056B

947B8D

94006A

948A91

949995

94A89A

94B69E

94C5A2

Harmonies

Analogous

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



6D509B



94407C



A33A56

Triad

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



94407C



686005



00708D

Complementary

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



94407C



409458

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.



007168



94407C



406A1E

Square

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



94407C



885314



006F41



006AA5

Rectangle

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



94407C



A13E3E



006F41



007081

Sweetspot

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



94407C



BF9FB6



584094



614E5B



E0E0E0



616161

Same Dimension

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



94407C



BF3D9A



944052



4A4348



8A0062



0A0007

Inverse Universe

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



94407C



BF3D9A



409482



4A4348



8A0062



0A0007

Previews

White Background



This preview shows how the Hex color 94407C 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

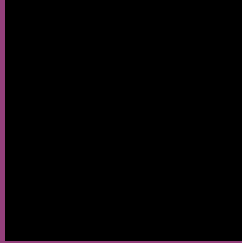
Any Text WCAG AA × Fail

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 94407C Background



This preview shows how black text looks on a background with the Hex color 94407C.

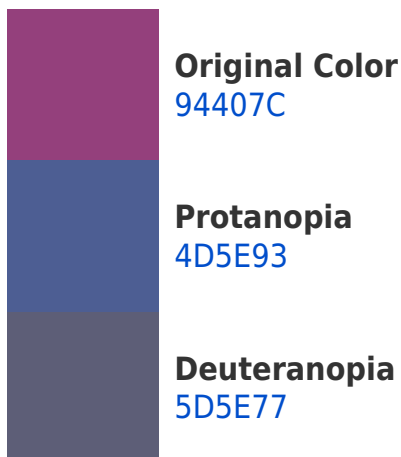


This preview shows how white text looks on a background with the Hex color 94407C.

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
904B50

Trichromacy



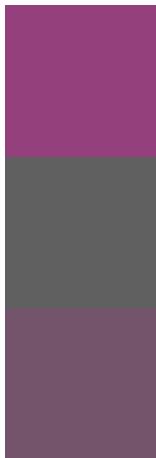
Original Color
94407C

Protanomaly
67538B

Deuteranomaly
715379

Tritanomaly
914760

Monochromacy



Original Color
94407C

Achromatopsia
606060

Achromatomaly
73546A

CSS Examples

Text

The CSS property to change the color of the text to Hex 94407C 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 #94407C looks like.

```
.text, #text, p{  
    color:#94407C  
}
```

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 #94407C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94407C
}
```

Border

The CSS property to change the border of an element to Hex 94407C is called "border". The border property can be set on classes, ids or directly on the HTML element.

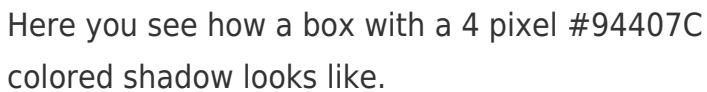
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#94407C }
```

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

```
.border{ border-color:#94407C }
```

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



Here you see how a box with a 4 pixel #94407C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94407C; -webkit-box-shadow:4px 4px  
4px 4px #94407C; box-shadow:4px 4px 4px  
4px #94407C }
```

Background

The CSS property to change the background color of an element to Hex 94407C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94407C }
```

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

```
.background{ background-color:#94407C }
```

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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