

# Converting Colors

Hex(92426A)

Have a look what the booklet for  
Hex(92426A) contains.

<b>Hex(92426A)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(92426A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	92426A
RGB	146, 66, 106
RGB Percent	57%, 26%, 42%
CMY	0.4275, 0.7412, 0.5843
CMYK	0.00, 0.55, 0.27, 0.43
HSL	330°, 38%, 42%
HSV	330°, 55%, 57%
XYZ	16.4038, 11.0480, 14.9036
YIQ	94.4800, 34.8400, 29.4000

# Conversions

## Conversions Part 2

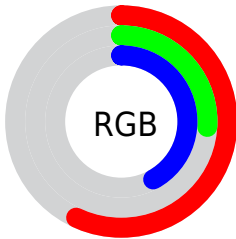
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	146, 66, 106
Decimal	9585258
CIE <sub>Lab</sub>	39.66, 38.46, -7.10
CIE <sub>LCh</sub>	40, 39.112, 349.535
Yxy	11.0480, 0.3873, 0.2608
Android (android.graphics.Color)	4287775338 (0xFF92426A)
YUV	94.4800, 5.6794, 45.1830
Hunter-Lab	33.2386, 29.9252, -3.3176

# Details

The Hex color **92426A** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **42926A**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **CA759D**, and **5D0D3B** is the 20% darker color. If you saturate the color by 10%, you get **923363**, and if you desaturate by 10%, it is **925171**.

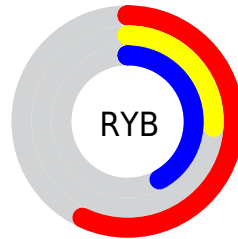
# Distribution



Red (57%)

Green (26%)

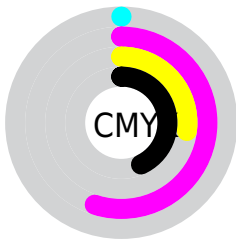
Blue (42%)



Red (57%)

Yellow (26%)

Blue (42%)

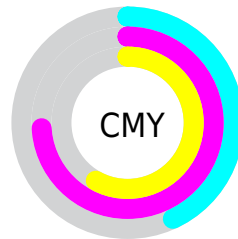


Cyan (0%)

Magenta (55%)

Yellow (27%)

Black (43%)



Cyan (43%)

Magenta (74%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 92426A 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 92426A by changing the saturation by 10% instead.



■ 92426A

■ 92426A

FFFFFF

■ 772952

■ CA759D

■ 5D0D3B

■ E790B8

■ 430025

■ FFABD4

■ 2E0010

■ FFC7F0

■ 000000

■ FFE3FF

■ 92426A

■ 92426A

■ 923363

■ 925171

■ 92255B

■ 925F79

921654

926E80

92084D

927C87

920049

928B8F

929A96

92A89D

92B7A4

92C5AC

# Harmonies

## Analogous

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



794C87



92426A



98424A

# Triad

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



92426A



5B621D



006B8D

# Complementary

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



92426A



42926A

# 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.



006D72



92426A



356932

# Square

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



92426A



78581B



006C51



00649C

# Rectangle

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



92426A



934836



006C51



006C85



# Sweetspot

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



92426A



BD9FAE



6A4292



5E4C55



DEDEDE



5E5E5E



# Same Dimension

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



92426A



BD407E



924242



4A4346



8A0045



0A0005



# Inverse Universe

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



92426A



BD407E



429292



4A4346



8A0045

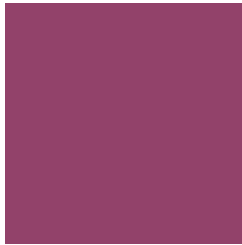


0A0005



# Previews

## White Background



This preview shows how the Hex color 92426A looks on a white background.

## Color Contrast Check

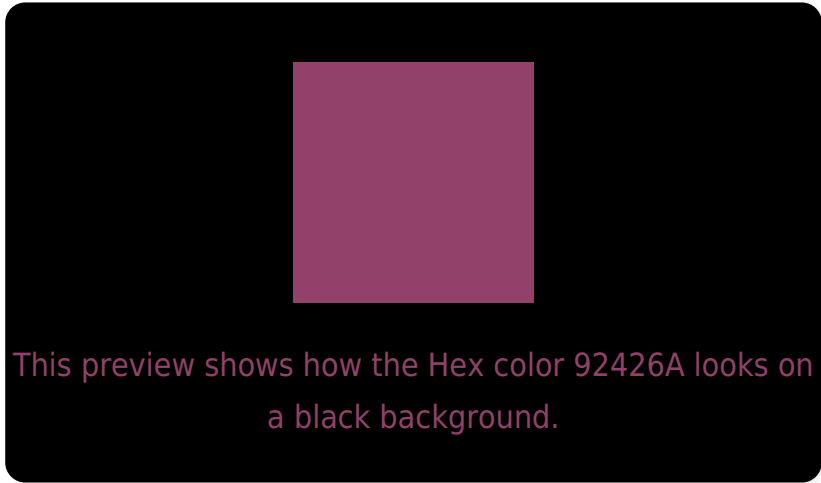
Large Text (above 18pt) WCAG AA ✓ Pass

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

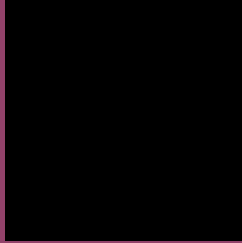
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 92426A Background



This preview shows how black text looks on a background with the Hex color 92426A.




This preview shows how white text looks on a background with the Hex color 92426A.

# 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**  
8F484D

# Trichromacy



**Original Color**  
92426A

**Protanomaly**  
6C5375

**Deuteranomaly**  
755267

**Tritanomaly**  
904658

# Monochromacy



**Original Color**  
92426A

**Achromatopsia**  
5E5E5E

**Achromatomaly**  
715462

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 92426A 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 #92426A looks like.

```
.text, #text, p{  
    color:#92426A  
}
```

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 #92426A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #92426A
}
```

## Border

The CSS property to change the border of an element to Hex 92426A is called "border". The border property can be set on classes, ids or directly on the HTML element.

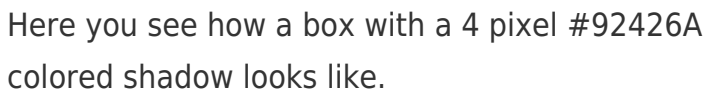
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#92426A }
```

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

```
.border{ border-color:#92426A }
```

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



Here you see how a box with a 4 pixel #92426A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #92426A; -webkit-box-shadow:4px 4px  
4px 4px #92426A; box-shadow:4px 4px 4px  
4px #92426A }
```

# Background

The CSS property to change the background color of an element to Hex 92426A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#92426A }
```

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

```
.background{ background-color:#92426A }
```

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