

# Converting Colors

Hex(93476A)

Have a look what the booklet for  
Hex(93476A) contains.

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# Color

**Hex(93476A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	93476A
RGB	147, 71, 106
RGB Percent	58%, 28%, 42%
CMY	0.4235, 0.7216, 0.5843
CMYK	0.00, 0.52, 0.28, 0.42
HSL	332°, 35%, 43%
HSV	332°, 52%, 58%
XYZ	16.8874, 11.7501, 15.0136
YIQ	97.7140, 34.0610, 26.9970

# Conversions

## Conversions Part 2

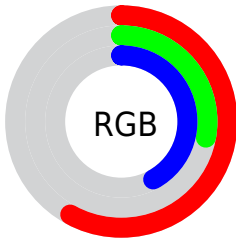
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	147, 71, 106
Decimal	9652074
CIE Lab	40.82, 36.19, -5.37
CIE LCh	41, 36.588, 351.567
Yxy	11.7501, 0.3869, 0.2692
Android (android.graphics.Color)	4287842154 (0xFF93476A)
YUV	97.7140, 4.0850, 43.2238
Hunter-Lab	34.2785, 27.9512, -1.9735

# Details

The Hex color **93476A** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **479370**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **CB7A9D**, and **5E153B** is the 20% darker color. If you saturate the color by 10%, you get **933862**, and if you desaturate by 10%, it is **935672**.

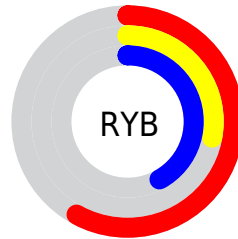
# Distribution



Red (58%)

Green (28%)

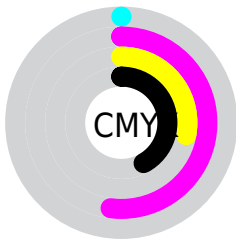
Blue (42%)



Red (58%)

Yellow (28%)

Blue (42%)

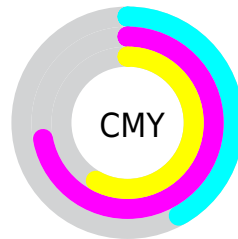


Cyan (0%)

Magenta (52%)

Yellow (28%)

Black (42%)



Cyan (42%)

Magenta (72%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 93476A 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 93476A by changing the saturation by 10% instead.



 93476A

 93476A

FFFFFF

 782E52

 CB7A9D

 5E153B

 E894B8

 440025

 FFB0D4

 2F0010

 FFCCF0

 000000

 FFE8FF

 93476A

 93476A

 933862

 935672

 932A5A

 93647A

 931B52

 937382

 930C4A

 93828A

 930044

 939192

 939F9A

 93AEA2

 93BDA9

 93CBB1

# Harmonies

## Analogous

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



7D5086



93476A



98484C

# Triad

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



93476A



5C6525



006C8F

# Complementary

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



93476A



479370

# 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.



006F75



93476A



386B39

# Square

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



93476A



795C23



006F56



00669B

# Rectangle

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



93476A



924D3A



006F56



006E87



# Sweetspot

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



93476A



BFA1AF



704793



614E57



E0E0E0



616161



# Same Dimension

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



93476A



BF497F



934A47



4A4346



8A003F



0A0005



# Inverse Universe

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



93476A



BF497F



479093



4A4346



8A003F

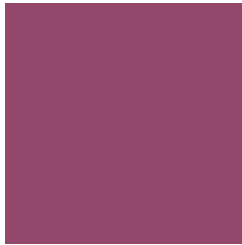


0A0005



# Previews

## White Background



This preview shows how the Hex color 93476A looks on a white background.

## Color Contrast Check

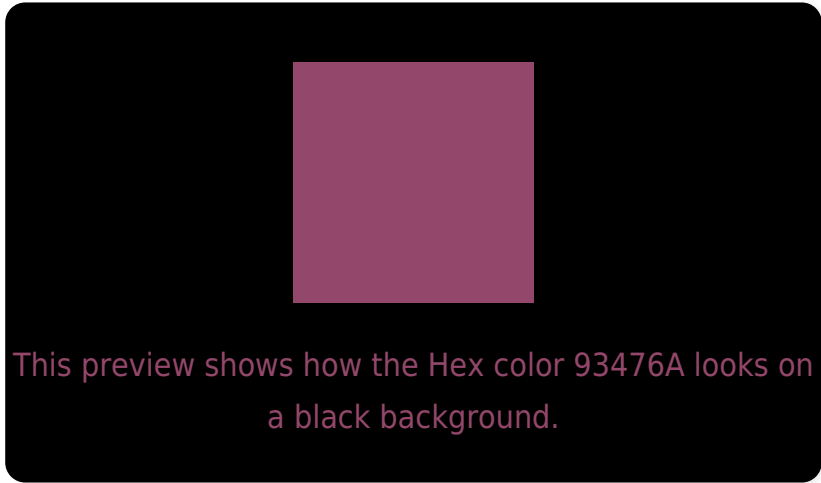
Large Text (above 18pt) WCAG AA ✓ Pass

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

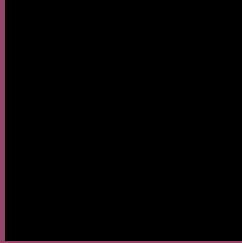
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 93476A Background



This preview shows how black text looks on a background with the Hex color 93476A.



This preview shows how white text looks on a background with the Hex color 93476A.

# 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



**Original Color**  
93476A

**Protanopia**  
5A607A

**Deuteranopia**  
685E66



**Tritanopia**  
914C51

# Trichromacy



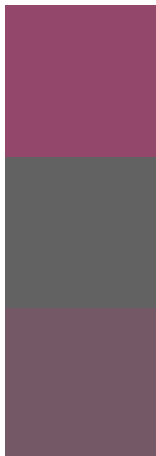
**Original Color**  
93476A

**Protanomaly**  
6F5774

**Deuteranomaly**  
785667

**Tritanomaly**  
924A5A

# Monochromacy



**Original Color**  
93476A

**Achromatopsia**  
626262

**Achromatomaly**  
745865

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 93476A 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 #93476A looks like.

```
.text, #text, p{  
    color:#93476A  
}
```

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 #93476A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93476A
}
```

## Border

The CSS property to change the border of an element to Hex 93476A is called "border". The border property can be set on classes, ids or directly on the HTML element.

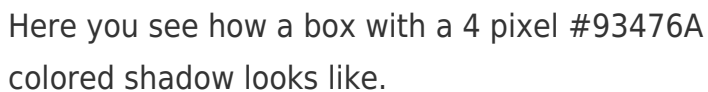
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#93476A }
```

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

```
.border{ border-color:#93476A }
```

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



Here you see how a box with a 4 pixel #93476A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93476A; -webkit-box-shadow:4px 4px  
4px 4px #93476A; box-shadow:4px 4px 4px  
4px #93476A }
```

# Background

The CSS property to change the background color of an element to Hex 93476A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93476A }
```

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

```
.background{ background-color:#93476A }
```

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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