

# Converting Colors

Hex(93486C)

Have a look what the booklet for  
Hex(93486C) contains.

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**Color**

**Hex(93486C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	93486C
RGB	147, 72, 108
RGB Percent	58%, 28%, 42%
CMY	0.4235, 0.7176, 0.5765
CMYK	0.00, 0.51, 0.27, 0.42
HSL	331°, 34%, 43%
HSV	331°, 51%, 58%
XYZ	17.0568, 11.9205, 15.5893
YIQ	98.5290, 33.1440, 27.0960

# Conversions

## Conversions Part 2

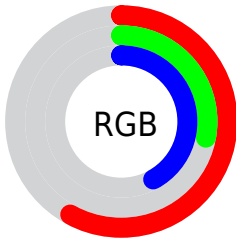
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	147, 72, 108
Decimal	9652332
CIE <sub>Lab</sub>	41.09, 35.95, -6.20
CIE <sub>LCh</sub>	41, 36.481, 350.217
Yxy	11.9205, 0.3827, 0.2675
Android (android.graphics.Color)	4287842412 (0xFF93486C)
YUV	98.5290, 4.6692, 42.5091
Hunter-Lab	34.5261, 27.7630, -2.6025

# Details

The Hex color **93486C** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **48936F**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **CB7B9F**, and **5E163D** is the 20% darker color. If you saturate the color by 10%, you get **933964**, and if you desaturate by 10%, it is **935774**.

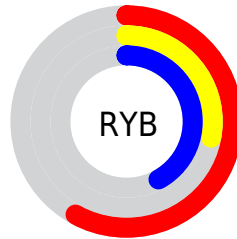
# Distribution



Red (58%)

Green (28%)

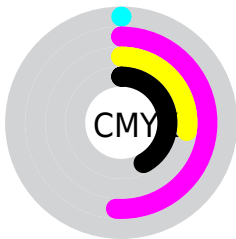
Blue (42%)



Red (58%)

Yellow (28%)

Blue (42%)

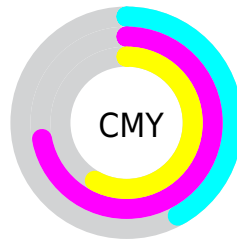


Cyan (0%)

Magenta (51%)

Yellow (27%)

Black (42%)



Cyan (42%)

Magenta (72%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 93486C 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 93486C by changing the saturation by 10% instead.



 93486C

 93486C

FFFFFF

 782F54

 CB7B9F

 5E163D

 E895BA

 440027

 FFB1D6

 2E0013

 FFCDF2

 000000

 FFE9FF

 93486C

 93486C

 933964

 935774

 932B5D

 93657B

 931C55

 937483

 930D4D

 93838B

 930047

 939292

 93A09A

 93AFA2

 93BEA9

 93CCB1

# Harmonies

## Analogous

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



7C5187



93486C



99484E

# Triad

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



93486C



5E6526



006D8E

# Complementary

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



93486C



48936F

# 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.



007075



93486C



3B6C39

# Square

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



93486C



7A5C24



006F56



00679C

# Rectangle

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



93486C



944D3C



006F56



006E87



# Sweetspot

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



93486C



BFA3B0



6F4893



614F58



E0E0E0



616161



# Same Dimension

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



93486C



BF4B83



934948



4A4346



8A0042



0A0005



# Inverse Universe

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



93486C



BF4B83



489293



4A4346



8A0042

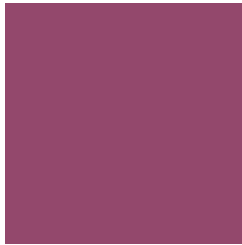


0A0005



# Previews

## White Background



This preview shows how the Hex color 93486C looks on a white background.

## Color Contrast Check

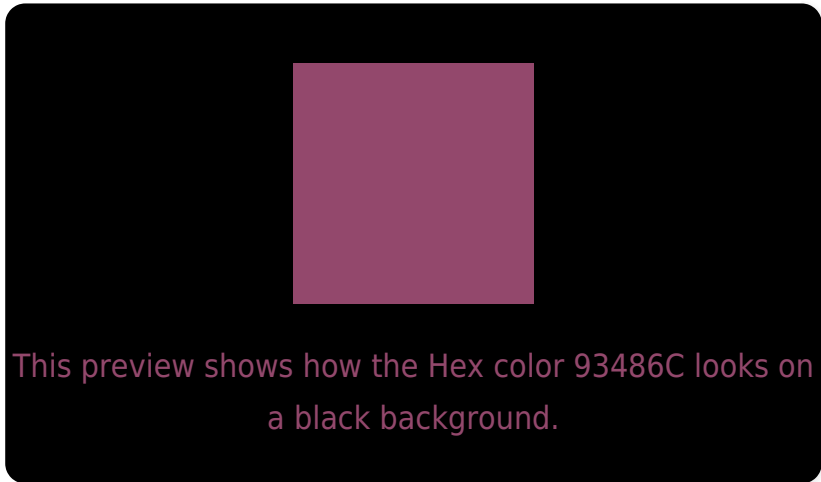
Large Text (above 18pt) WCAG AA ✓ Pass

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

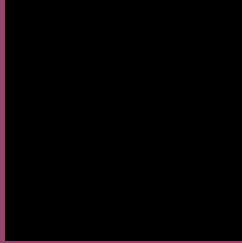
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 93486C Background



This preview shows how black text looks on a background with the Hex color 93486C.

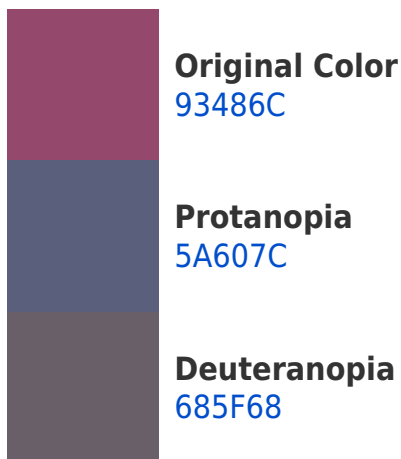


This preview shows how white text looks on a background with the Hex color 93486C.

# 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**  
914D53

# Trichromacy



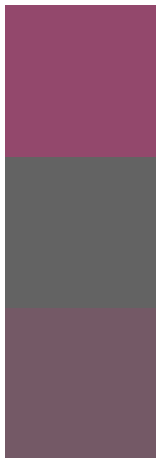
**Original Color**  
93486C

**Protanomaly**  
6F5776

**Deuteranomaly**  
785769

**Tritanomaly**  
924B5C

# Monochromacy



**Original Color**  
93486C

**Achromatopsia**  
636363

**Achromatomaly**  
745966

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 93486C 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 #93486C looks like.

```
.text, #text, p{  
    color:#93486C  
}
```

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 #93486C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93486C
}
```

## Border

The CSS property to change the border of an element to Hex 93486C is called "border". The border property can be set on classes, ids or directly on the HTML element.

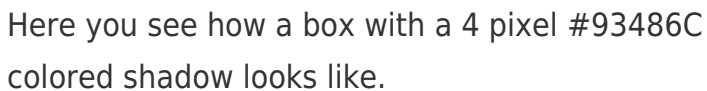
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#93486C }
```

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

```
.border{ border-color:#93486C }
```

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



Here you see how a box with a 4 pixel #93486C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93486C; -webkit-box-shadow:4px 4px  
4px 4px #93486C; box-shadow:4px 4px 4px  
4px #93486C }
```

# Background

The CSS property to change the background color of an element to Hex 93486C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93486C }
```

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

```
.background{ background-color:#93486C }
```

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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