

# Converting Colors

Hex(90406B)

Have a look what the booklet for  
Hex(90406B) contains.

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**Color**

**Hex(90406B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	90406B
RGB	144, 64, 107
RGB Percent	56%, 25%, 42%
CMY	0.4353, 0.7490, 0.5804
CMYK	0.00, 0.56, 0.26, 0.44
HSL	328°, 38%, 41%
HSV	328°, 56%, 56%
XYZ	15.9888, 10.6576, 15.1243
YIQ	92.8220, 33.8770, 30.3330

# Conversions

## Conversions Part 2

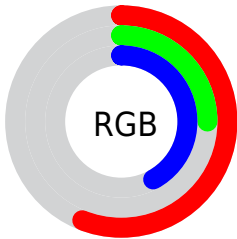
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	144, 64, 107
Decimal	9453675
CIE Lab	39.00, 38.95, -8.75
CIE LCh	39, 39.925, 347.334
Yxy	10.6576, 0.3828, 0.2551
Android (android.graphics.Color)	4287643755 (0xFF90406B)
YUV	92.8220, 6.9898, 44.8831
Hunter-Lab	32.6460, 30.2923, -4.6158

# Details

The Hex color **90406B** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **409065**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **C8739E**, and **5B0A3C** is the 20% darker color. If you saturate the color by 10%, you get **903264**, and if you desaturate by 10%, it is **904E72**.

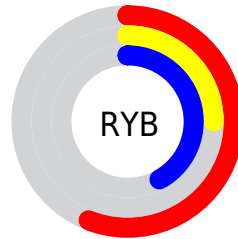
# Distribution



Red (56%)

Green (25%)

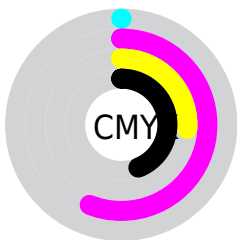
Blue (42%)



Red (56%)

Yellow (25%)

Blue (42%)

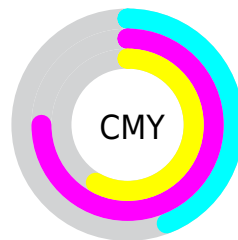


Cyan (0%)

Magenta (56%)

Yellow (26%)

Black (44%)



Cyan (44%)

Magenta (75%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 90406B 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 90406B by changing the saturation by 10% instead.



 90406B

 90406B

FFFFFF

 752753

 C8739E

 5B0A3C

 E58EB9

 410026

 FFA9D5

 2C0011

 FFC4F1

 000000

 FFE1FF

FFFEFF

 90406B

 90406B

 903264

 904E72

90235E

905D78

901557

906B7F

900650

907A86

90004D

90888C

909693

90A59A

90B3A0

90C2A7

# Harmonies

## Analogous

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



754B88



90406B



973F4A

# Triad

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



90406B



5B6018



00698B

# Complementary

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



90406B



409065

# 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.



006C6E



90406B



35672E

# Square

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



90406B



795519



006B4D



00639B

# Rectangle

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



90406B



934536



006B4D



006B82



# Sweetspot

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



90406B



BA9BAC



644090



5E4B56



DEDEDE



5E5E5E



# Same Dimension

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



90406B



BA3D80



904044



474044



870049



080004



# Inverse Universe

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



90406B



BA3D80



40908C



474044



870049

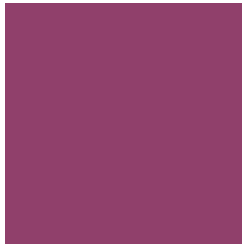


080004



# Previews

## White Background



This preview shows how the Hex color 90406B looks on a white background.

## Color Contrast Check

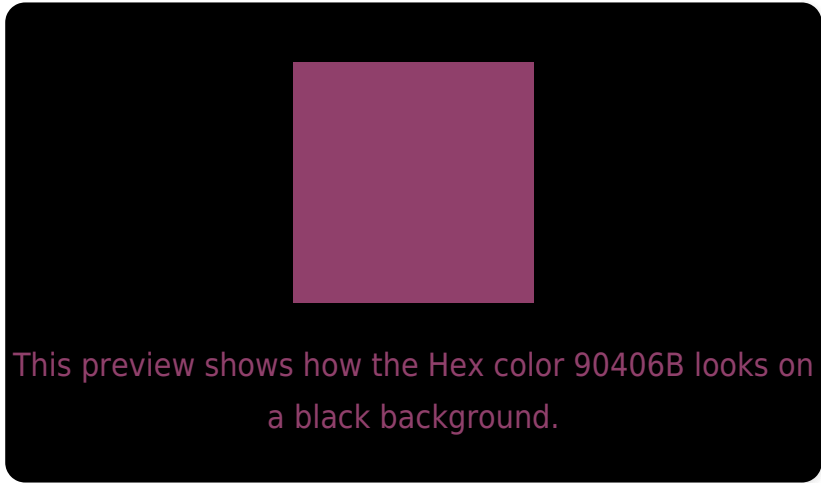
Large Text (above 18pt) WCAG AA ✓ Pass

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

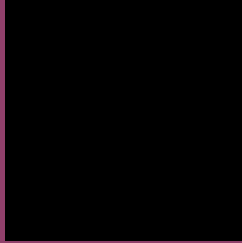
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 90406B Background



This preview shows how black text looks on a background with the Hex color 90406B.



This preview shows how white text looks on a background with the Hex color 90406B.

# 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**  
90406B

**Protanopia**  
525B7E

**Deuteranopia**  
615A67



**Tritanopia**  
8D474C

# Trichromacy



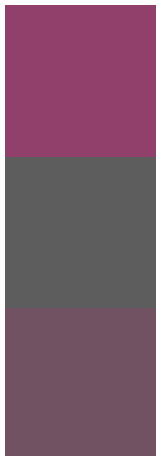
**Original Color**  
90406B

**Protanomaly**  
695177

**Deuteranomaly**  
725168

**Tritanomaly**  
8E4457

# Monochromacy



**Original Color**  
90406B

**Achromatopsia**  
5D5D5D

**Achromatomaly**  
705262

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 90406B 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 #90406B looks like.

```
.text, #text, p{  
    color:#90406B  
}
```

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 #90406B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90406B
}
```

## Border

The CSS property to change the border of an element to Hex 90406B is called "border". The border property can be set on classes, ids or directly on the HTML element.

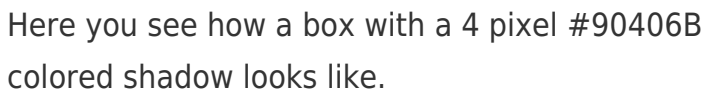
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#90406B }
```

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

```
.border{ border-color:#90406B }
```

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



Here you see how a box with a 4 pixel #90406B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90406B; -webkit-box-shadow:4px 4px  
4px 4px #90406B; box-shadow:4px 4px 4px  
4px #90406B }
```

# Background

The CSS property to change the background color of an element to Hex 90406B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90406B }
```

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

```
.background{ background-color:#90406B }
```

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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