

# Converting Colors

Hex(8C406D)

Have a look what the booklet for  
Hex(8C406D) contains.

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# Color

**Hex(8C406D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8C406D
RGB	140, 64, 109
RGB Percent	55%, 25%, 43%
CMY	0.4510, 0.7490, 0.5725
CMYK	0.00, 0.54, 0.22, 0.45
HSL	324°, 37%, 40%
HSV	324°, 54%, 55%
XYZ	15.4089, 10.3464, 15.6529
YIQ	91.8540, 30.8510, 30.1070

# Conversions

## Conversions Part 2

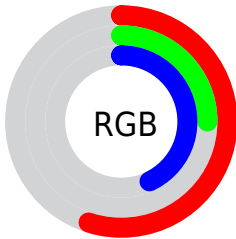
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	140, 64, 109
Decimal	9191533
CIE <sub>Lab</sub>	38.46, 37.91, -10.88
CIE <sub>LCh</sub>	38, 39.437, 343.986
Yxy	10.3464, 0.3721, 0.2499
Android (android.graphics.Color)	4287381613 (0xFF8C406D)
YUV	91.8540, 8.4530, 42.2240
Hunter-Lab	32.1658, 29.2199, -6.3364

# Details

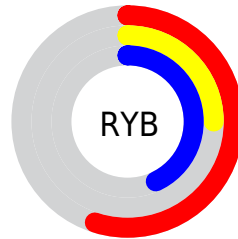
The Hex color **8C406D** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **408C5F**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **C373A1**, and **570B3D** is the 20% darker color. If you saturate the color by 10%, you get **8C3267**, and if you desaturate by 10%, it is **8C4E73**.

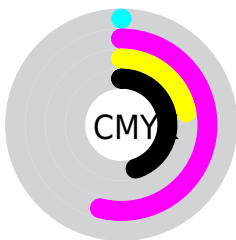
# Distribution



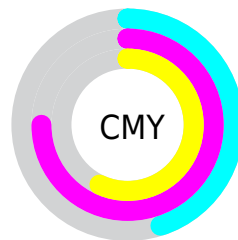
- Red (55%)
- Green (25%)
- Blue (43%)



- Red (55%)
- Yellow (25%)
- Blue (43%)



- Cyan (0%)
- Magenta (54%)
- Yellow (22%)
- Black (45%)



- Cyan (45%)
- Magenta (75%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8C406D 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 8C406D by changing the saturation by 10% instead.



 8C406D

 8C406D

FFFFFF

 712755

 C373A1

 570B3D

 E08DBC

 3E0028

 FDA8D7

 290013

 FFC4F4

 000000

 FFE0FF

 FFFDFD

 8C406D

 8C406D

 8C3267

 8C4E73

8C2462

8C5C78

8C165C

8C6A7E

8C0856

8C7884

8C0053

8C868A

8C948F

8CA295

8CB09B

8CBEA0

# Harmonies

## Analogous

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



704C89



8C406D



953E4D

# Triad

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



8C406D



5D5E17



006886

# Complementary

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



8C406D



408C5F

# 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.



006A69



8C406D



39652A

# Square

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



8C406D



7A531A



006948



006398

# Rectangle

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



8C406D



924239



006948



00697D



# Sweetspot

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



8C406D



B598A9



5E408C



5C4A55



DBDBDB



5C5C5C



# Same Dimension

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



8C406D



B53F85



8C4048



453E42



85004F



050003



# Inverse Universe

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



8C406D



B53F85



408C84



453E42



85004F

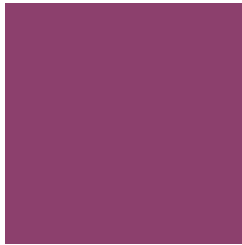


050003



# Previews

## White Background



This preview shows how the Hex color 8C406D looks on a white background.

## Color Contrast Check

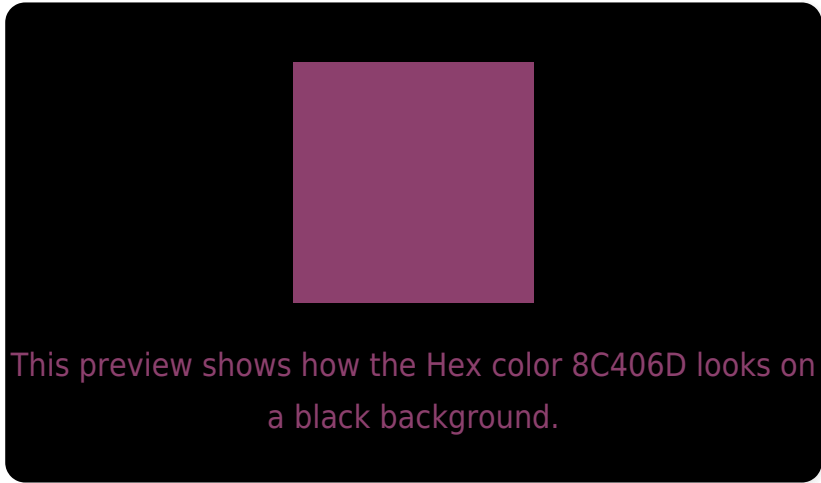
Large Text (above 18pt) WCAG AA ✓ Pass

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 8C406D Background



This preview shows how black text looks on a background with the Hex color 8C406D.

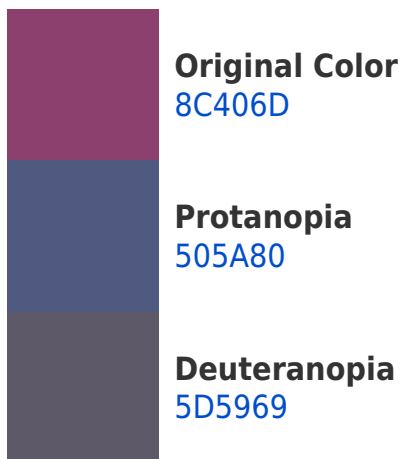


This preview shows how white text looks on a background with the Hex color 8C406D.

# 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**  
89474C

# Trichromacy



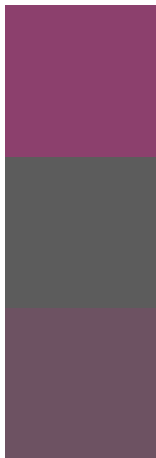
**Original Color**  
8C406D

**Protanomaly**  
665179

**Deuteranomaly**  
6E506A

**Tritanomaly**  
8A4458

# Monochromacy



**Original Color**  
8C406D

**Achromatopsia**  
5C5C5C

**Achromatomaly**  
6D5262

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8C406D 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 #8C406D looks like.

```
.text, #text, p{  
    color:#8C406D  
}
```

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 #8C406D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C406D
}
```

## Border

The CSS property to change the border of an element to Hex 8C406D is called "border". The border property can be set on classes, ids or directly on the HTML element.

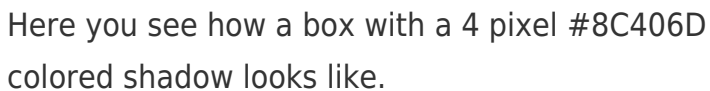
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8C406D }
```

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

```
.border{ border-color:#8C406D }
```

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



Here you see how a box with a 4 pixel #8C406D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C406D; -webkit-box-shadow:4px 4px  
4px 4px #8C406D; box-shadow:4px 4px 4px  
4px #8C406D }
```

# Background

The CSS property to change the background color of an element to Hex 8C406D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C406D }
```

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

```
.background{ background-color:#8C406D }
```

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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