

# Converting Colors

Hex(8A3A62)

Have a look what the booklet for  
Hex(8A3A62) contains.

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# Color

**Hex(8A3A62)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8A3A62
RGB	138, 58, 98
RGB Percent	54%, 23%, 38%
CMY	0.4588, 0.7725, 0.6157
CMYK	0.00, 0.58, 0.29, 0.46
HSL	330°, 41%, 38%
HSV	330°, 58%, 54%
XYZ	14.1989, 9.3112, 12.6042
YIQ	86.4800, 34.8400, 29.4000

# Conversions

## Conversions Part 2

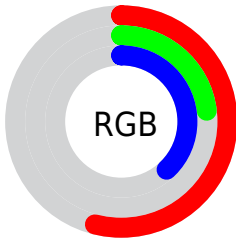
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	138, 58, 98
Decimal	9058914
CIE Lab	36.58, 38.68, -6.82
CIE LCh	37, 39.276, 349.996
Yxy	9.3112, 0.3932, 0.2578
Android (android.graphics.Color)	4287248994 (0xFF8A3A62)
YUV	86.4800, 5.6794, 45.1830
Hunter-Lab	30.5143, 29.6595, -3.1302

# Details

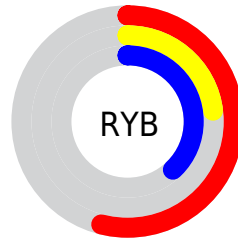
The Hex color **8A3A62** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **3A8A62**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **C26D95**, and **550234** is the 20% darker color. If you saturate the color by 10%, you get **8A2C5B**, and if you desaturate by 10%, it is **8A4869**.

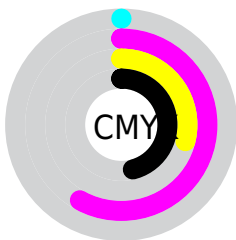
# Distribution



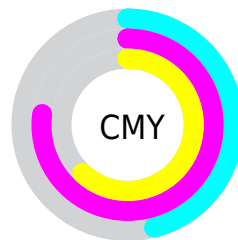
- Red (54%)
- Green (23%)
- Blue (38%)



- Red (54%)
- Yellow (23%)
- Blue (38%)



- Cyan (0%)
- Magenta (58%)
- Yellow (29%)
- Black (46%)



- Cyan (46%)
- Magenta (77%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8A3A62 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 8A3A62 by changing the saturation by 10% instead.



8A3A62

8A3A62

FFFFFF

6F214A

C26D95

550234

DF87AF

3B001F

FCA2CB

250003

FFBEE7

000000

FFDAFF

FFF7FF

8A3A62

8A3A62

8A2C5B

8A4869

 8A1E54

 8A5670

 8A114D

 8A6377

 8A0346

 8A717E

 8A0045

 8A7F85

 8A8D8B

 8A9B92

 8AA899

 8AB6A0

# Harmonies

## Analogous

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



72457F



8A3A62



8F3A42

# Triad

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



8A3A62



525B15



006386

# Complementary

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



8A3A62



3A8A62

# 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.



00656B



8A3A62



2C612B

# Square

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



8A3A62



705113



00654A



005D94

# Rectangle

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



8A3A62



8A402F



00654A



00647E



# Sweetspot

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



8A3A62



B394A3



623A8A



594750



D9D9D9



595959



# Same Dimension

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



8A3A62



B33674



8A3A3A



453E41



850042



050003



# Inverse Universe

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



8A3A62



B33674



3A8A8A



453E41



850042

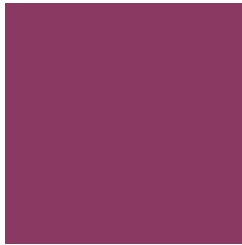


050003



# Previews

## White Background



This preview shows how the Hex color 8A3A62 looks on a white background.

## Color Contrast Check

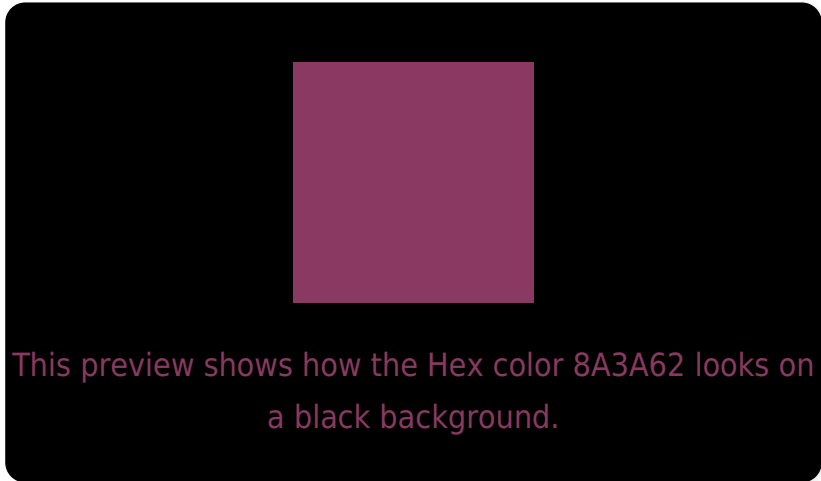
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

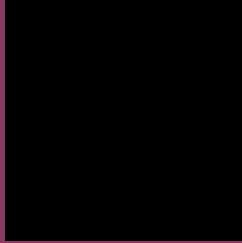
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8A3A62 Background



This preview shows how black text looks on a background with the Hex color 8A3A62.



This preview shows how white text looks on a background with the Hex color 8A3A62.

# 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**  
8A3A62

**Protanopia**  
4E5675

**Deuteranopia**  
5C545E



**Tritanopia**  
874045

# Trichromacy



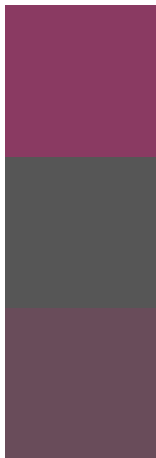
**Original Color**  
8A3A62

**Protanomaly**  
644C6E

**Deuteranomaly**  
6D4B5F

**Tritanomaly**  
883E50

# Monochromacy



**Original Color**  
8A3A62

**Achromatopsia**  
565656

**Achromatomaly**  
694C5A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8A3A62 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 #8A3A62 looks like.

```
.text, #text, p{  
    color:#8A3A62  
}
```

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 #8A3A62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A3A62
}
```

## Border

The CSS property to change the border of an element to Hex 8A3A62 is called "border". The border property can be set on classes, ids or directly on the HTML element.

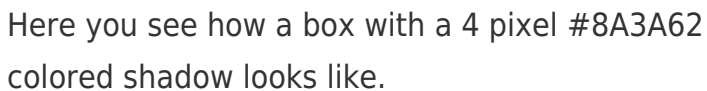
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8A3A62 }
```

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

```
.border{ border-color:#8A3A62 }
```

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



Here you see how a box with a 4 pixel #8A3A62 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A3A62; -webkit-box-shadow:4px 4px  
4px 4px #8A3A62; box-shadow:4px 4px 4px  
4px #8A3A62 }
```

# Background

The CSS property to change the background color of an element to Hex 8A3A62 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A3A62 }
```

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

```
.background{ background-color:#8A3A62 }
```

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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