

# Converting Colors

Hex(8A4170)

Have a look what the booklet for  
Hex(8A4170) contains.

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# Color

**Hex(8A4170)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8A4170
RGB	138, 65, 112
RGB Percent	54%, 25%, 44%
CMY	0.4588, 0.7451, 0.5608
CMYK	0.00, 0.53, 0.19, 0.46
HSL	321°, 36%, 40%
HSV	321°, 53%, 54%
XYZ	15.2962, 10.3537, 16.5215
YIQ	92.1850, 28.4210, 30.0930

# Conversions

## Conversions Part 2

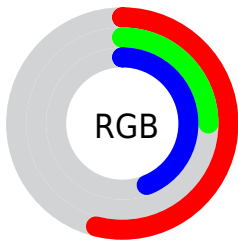
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	138, 65, 112
Decimal	9060720
CIE <sub>Lab</sub>	38.47, 37.18, -12.76
CIE <sub>LCh</sub>	38, 39.313, 341.059
Yxy	10.3537, 0.3627, 0.2455
Android (android.graphics.Color)	4287250800 (0xFF8A4170)
YUV	92.1850, 9.7688, 40.1798
Hunter-Lab	32.1772, 28.5439, -7.9186

# Details

The Hex color **8A4170** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **418A5B**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **C174A4**, and **560D40** is the 20% darker color. If you saturate the color by 10%, you get **8A336B**, and if you desaturate by 10%, it is **8A4F75**.

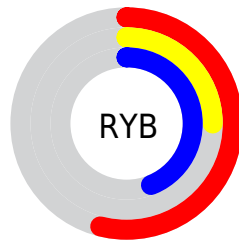
# Distribution



Red (54%)

Green (25%)

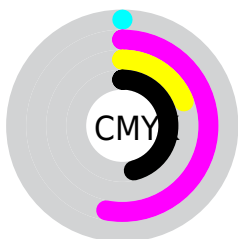
Blue (44%)



Red (54%)

Yellow (25%)

Blue (44%)

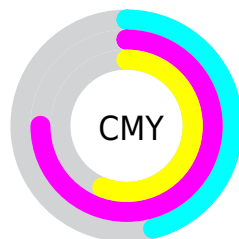


Cyan (0%)

Magenta (53%)

Yellow (19%)

Black (46%)



Cyan (46%)

Magenta (75%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8A4170 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 8A4170 by changing the saturation by 10% instead.



 8A4170

 8A4170

FFFFFF

 6F2858

 C174A4

 560D40

 DE8EBF

 3C002A

 FBA9DB

 270016

 FFC5F7

 000000

 FFE1FF

FFFEFF

 8A4170

 8A4170

 8A336B

 8A4F75

8A2566

8A5D7A

8A1861

8A6A7F

8A0A5C

8A7884

8A0059

8A8689

8A948D

8AA292

8AAF97

8ABD9C

# Harmonies

## Analogous

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



6C4D8B



8A4170



953D50

# Triad

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



8A4170



615D16



006984

# Complementary

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



8A4170



418A5B

# 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.



006A66



8A4170



3E6428

# Square

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



8A4170



7C521C



006945



006497

# Rectangle

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



8A4170



93423C



006945



006A7B



# Sweetspot

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



8A4170



B396A8



5B418A



594853



D9D9D9



595959



# Same Dimension

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



8A4170



B3428A



8A414C



453E42



850055



050003



# Inverse Universe

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



8A4170



B3428A



418A7F



453E42



850055

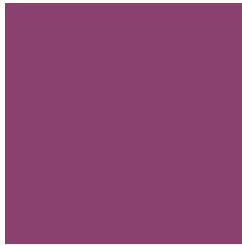


050003



# Previews

## White Background



This preview shows how the Hex color 8A4170 looks on a white background.

## Color Contrast Check

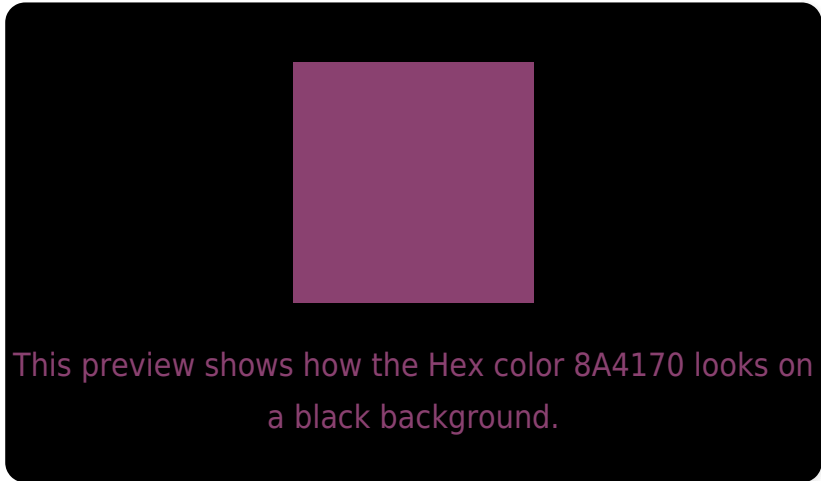
Large Text (above 18pt) WCAG AA ✓ Pass

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

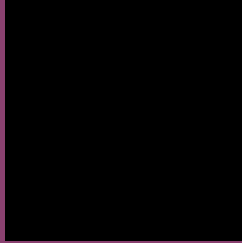
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8A4170 Background



This preview shows how black text looks on a background with the Hex color 8A4170.

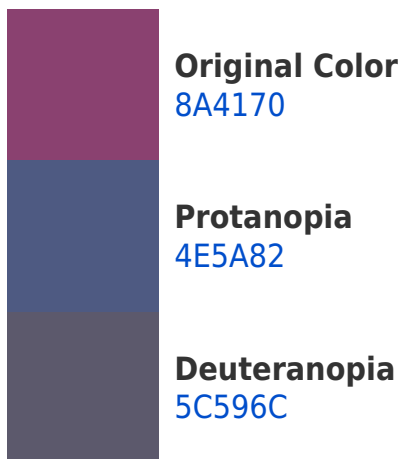


This preview shows how white text looks on a background with the Hex color 8A4170.

# 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**  
87494E

# Trichromacy



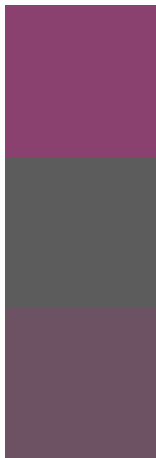
**Original Color**  
8A4170

**Protanomaly**  
64517B

**Deuteranomaly**  
6D506D

**Tritanomaly**  
88465A

# Monochromacy



**Original Color**  
8A4170

**Achromatopsia**  
5C5C5C

**Achromatomaly**  
6D5263

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8A4170 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 #8A4170 looks like.

```
.text, #text, p{  
    color:#8A4170  
}
```

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 #8A4170 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A4170  
}
```

## Border

The CSS property to change the border of an element to Hex 8A4170 is called "border". The border property can be set on classes, ids or directly on the HTML element.

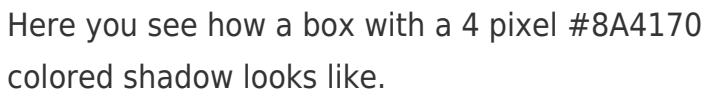
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#8A4170 }
```

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

```
.border{ border-color:#8A4170 }
```

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



Here you see how a box with a 4 pixel #8A4170 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A4170; -webkit-box-shadow:4px 4px  
4px 4px #8A4170; box-shadow:4px 4px 4px  
4px #8A4170 }
```

# Background

The CSS property to change the background color of an element to Hex 8A4170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A4170 }
```

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

```
.background{ background-color:#8A4170 }
```

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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