

# Converting Colors

Hex(8A0460)

Have a look what the booklet for  
Hex(8A0460) contains.

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**Color**

**Hex(8A0460)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8A0460
RGB	138, 4, 96
RGB Percent	54%, 2%, 38%
CMY	0.4588, 0.9843, 0.6235
CMYK	0.00, 0.97, 0.30, 0.46
HSL	319°, 94%, 28%
HSV	319°, 97%, 54%
XYZ	12.6360, 6.3346, 11.6230
YIQ	54.5540, 50.3320, 57.0200

# Conversions

## Conversions Part 2

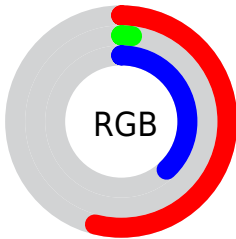
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	138, 4, 96
Decimal	9045088
CIE <sub>Lab</sub>	30.24, 55.87, -15.15
CIE <sub>LCh</sub>	30, 57.888, 344.831
Yxy	6.3346, 0.4130, 0.2071
Android (android.graphics.Color)	4287235168 (0xFF8A0460)
YUV	54.5540, 20.4329, 73.1821
Hunter-Lab	25.1687, 45.5709, -9.7624

# Details

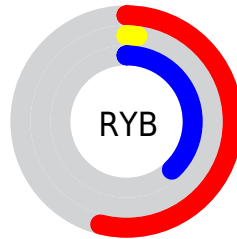
The Hex color **8A0460** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **048A2E**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **C34A93**, and **530032** is the 20% darker color. If you saturate the color by 10%, you get **8A005F**, and if you desaturate by 10%, it is **8A1264**.

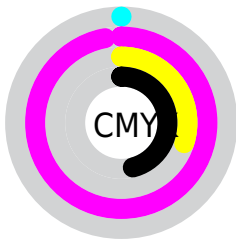
# Distribution



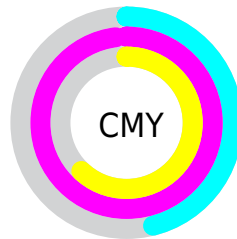
- Red (54%)
- Green (2%)
- Blue (38%)



- Red (54%)
- Yellow (2%)
- Blue (38%)



- Cyan (0%)
- Magenta (97%)
- Yellow (30%)
- Black (46%)



- Cyan (46%)
- Magenta (98%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8A0460 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 8A0460 by changing the saturation by 10% instead.



 8A0460

 8A0460

FFFFFF

 6E0048

 C34A93

 530032

 E166AD

 3B001D

 FF81C9

 1B0001

 FF9DE5

 000000

 FFB9FF

 FFD6FF

 FFF3FF

 8A0460

 8A0460

■ 8A005F

■ 8A1264

■ 8A2069

■ 8A2D6D

■ 8A3B71

■ 8A4976

■ 8A577A

■ 8A657E

■ 8A7283

■ 8A8087

# Harmonies

## Analogous

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



632D88



8A0460



940033

# Triad

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



8A0460



444C00



005987

# Complementary

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



8A0460



048A2E

# 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.



005A5D



8A0460



005500

# Square

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



8A0460



6B3D00



00582E



00539F

# Rectangle

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



8A0460



8D1716



00582E



005A7A



# Sweetspot

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



8A0460



B37FA2



2C048A



593A4F



D9D9D9



595959



# Same Dimension

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



8A0460



B3007B



8A041F



453E43



85005B



050004



# Inverse Universe

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



8A0460



B3007B



048A6F



453E43



85005B

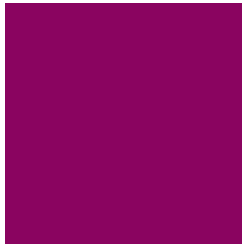


050004



# Previews

## White Background



This preview shows how the Hex color 8A0460 looks on a white background.

## Color Contrast Check

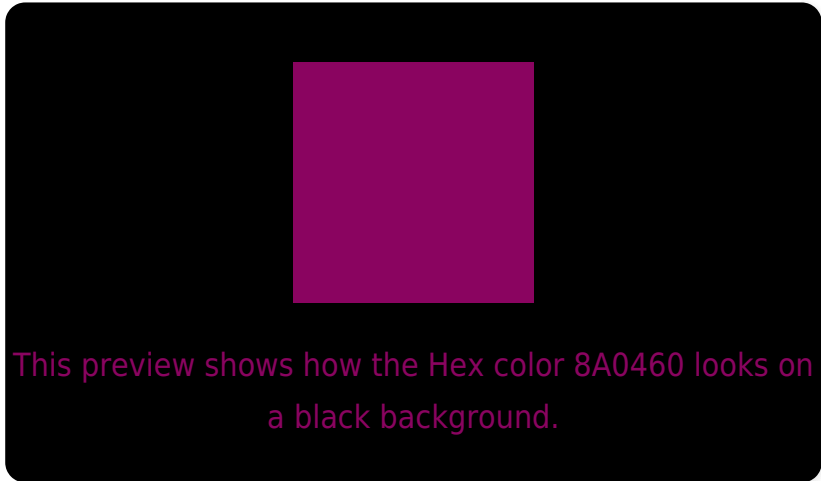
Large Text (above 18pt) WCAG AA ✓ Pass

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

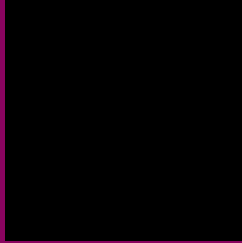
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8A0460 Background



This preview shows how black text looks on a background with the Hex color 8A0460.



This preview shows how white text looks on a background with the Hex color 8A0460.

# 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





# Trichromacy



**Original Color**  
8A0460



**Protanomaly**  
4C2F7A



**Deuteranomaly**  
612F5C



**Tritanomaly**  
871A3C

# Monochromacy



**Original Color**  
8A0460



**Achromatopsia**  
373737



**Achromatomaly**  
552446

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8A0460 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 #8A0460 looks like.

```
.text, #text, p{  
    color:#8A0460  
}
```

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 #8A0460 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A0460
}
```

## Border

The CSS property to change the border of an element to Hex 8A0460 is called "border". The border property can be set on classes, ids or directly on the HTML element.

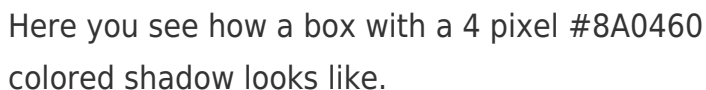
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8A0460 }
```

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

```
.border{ border-color:#8A0460 }
```

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



Here you see how a box with a 4 pixel #8A0460 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A0460; -webkit-box-shadow:4px 4px  
4px 4px #8A0460; box-shadow:4px 4px 4px  
4px #8A0460 }
```

# Background

The CSS property to change the background color of an element to Hex 8A0460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A0460 }
```

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

```
.background{ background-color:#8A0460 }
```

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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