

Converting Colors

Hex(8A0045)

Have a look what the booklet for
Hex(8A0045) contains.

Hex(8A0045)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(8A0045)

Conversions

Conversions Part 1

Format	Color
Hex	8A0045
RGB	138, 0, 69
RGB Percent	54%, 0%, 27%
CMY	0.4588, 1.0000, 0.7294
CMYK	0.00, 1.00, 0.50, 0.46
HSL	330°, 100%, 27%
HSV	330°, 100%, 54%
XYZ	11.5554, 5.8329, 6.1471
YIQ	49.1280, 60.0990, 50.7150

Conversions

Conversions Part 2

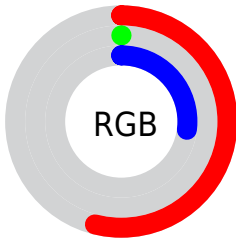
Format	Color
R_YB	138, 0, 69
Decimal	9044037
CIE Lab	28.99, 53.79, 0.84
CIE LCh	29, 53.793, 0.894
Yxy	5.8329, 0.4910, 0.2478
Android (android.graphics.Color)	4287234117 (0xFF8A0045)
YUV	49.1280, 9.7969, 77.9407
Hunter-Lab	24.1515, 43.1392, 1.8155

Details

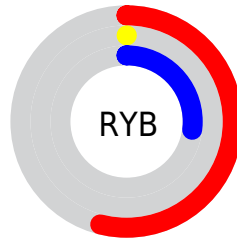
The Hex color **8A0045** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **008A45**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **C44775**, and **51001A** is the 20% darker color. If you saturate the color by 10%, you get **8A0045**, and if you desaturate by 10%, it is **8A0E4C**.

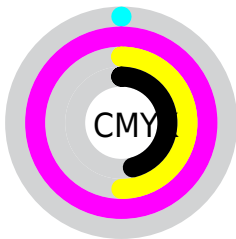
Distribution



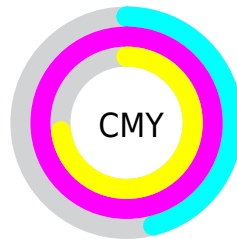
- Red (54%)
- Green (0%)
- Blue (27%)



- Red (54%)
- Yellow (0%)
- Blue (27%)



- Cyan (0%)
- Magenta (100%)
- Yellow (50%)
- Black (46%)



- Cyan (46%)
- Magenta (100%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8A0045 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 8A0045 by changing the saturation by 10% instead.


 8A0045

 8A0045

FFFFFF

 6E002F

 C44775

 51001A

 E2638E

 390002

 FF7EA9

 100000

 FF9AC4

 000000

 FFB6E0

 FFD3FD

 FFF0FF

 8A0045

 8A0E4C

 8A1C53

 8A295A

 8A3761

 8A4568

 8A536E

 8A6175

 8A6E7C

 8A7C83

Harmonies

Analogous

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



751E6E



8A0045



87161C

Triad

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



8A0045



294E00



00538D

Complementary

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



8A0045



008A45

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.



00566E



8A0045



005318

Square

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



8A0045



544300



005544



004A99

Rectangle

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



8A0045



7B2900



005544



005485

Sweetspot

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



8A0045



B37D98



45008A



593949



D9D9D9



595959

Same Dimension

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



8A0045



B30059



8A0000



453E41



850042



050003

Inverse Universe

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



8A0045



B30059



008A8A



453E41



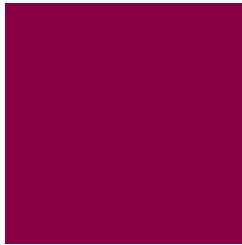
850042



050003

Previews

White Background



This preview shows how the Hex color 8A0045 looks on a white background.

Color Contrast Check

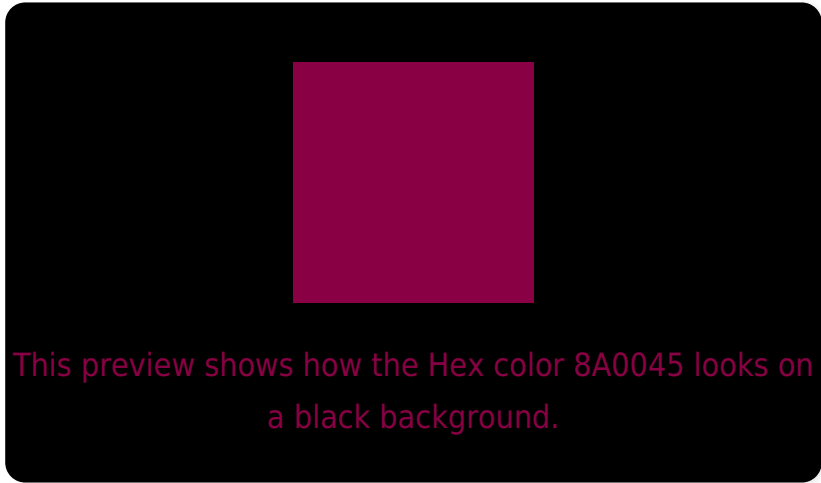
Large Text (above 18pt) WCAG AA ✓ Pass

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 8A0045 Background



This preview shows how black text looks on a background with the Hex color 8A0045.



This preview shows how white text looks on a background with the Hex color 8A0045.

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
8A0045

Protanopia
3F4764

Deuteranopia
52453F



Tritanopia
881B1B

Trichromacy



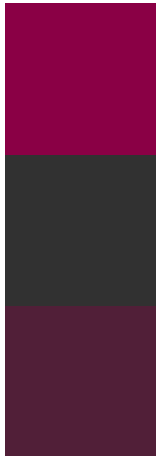
Original Color
8A0045

Protanomaly
5A2D59

Deuteranomaly
662C41

Tritanomaly
89112A

Monochromacy



Original Color
8A0045

Achromatopsia
313131

Achromatomaly
511F38

CSS Examples

Text

The CSS property to change the color of the text to Hex 8A0045 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 #8A0045 looks like.

```
.text, #text, p{  
    color:#8A0045  
}
```

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 #8A0045 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A0045
}
```

Border

The CSS property to change the border of an element to Hex 8A0045 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
#8A0045 }
```

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

```
.border{ border-color:#8A0045 }
```

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

Here you see how a box with a 4 pixel #8A0045 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A0045; -webkit-box-shadow:4px 4px  
4px 4px #8A0045; box-shadow:4px 4px 4px  
4px #8A0045 }
```

Background

The CSS property to change the background color of an element to Hex 8A0045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A0045 }
```

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

```
.background{ background-color:#8A0045 }
```

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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