

# Converting Colors

Hex(8E2E78)

Have a look what the booklet for  
Hex(8E2E78) contains.

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# Color

**Hex(8E2E78)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8E2E78
RGB	142, 46, 120
RGB Percent	56%, 18%, 47%
CMY	0.4431, 0.8196, 0.5294
CMYK	0.00, 0.68, 0.15, 0.44
HSL	314°, 51%, 37%
HSV	314°, 68%, 56%
XYZ	15.5225, 9.0608, 18.7001
YIQ	83.1400, 33.4620, 43.3660

# Conversions

## Conversions Part 2

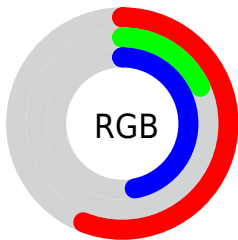
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	142, 46, 120
Decimal	9318008
CIE <sub>Lab</sub>	36.10, 48.73, -21.34
CIE <sub>LCh</sub>	36, 53.197, 336.349
Yxy	9.0608, 0.3586, 0.2093
Android (android.graphics.Color)	4287508088 (0xFF8E2E78)
YUV	83.1400, 18.1720, 51.6202
Hunter-Lab	30.1012, 39.3711, -15.7625

# Details

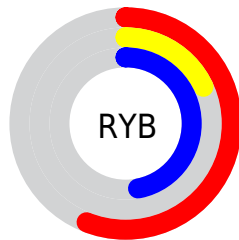
The Hex color **8E2E78** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **2E8E44**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **C663AD**, and **580047** is the 20% darker color. If you saturate the color by 10%, you get **8E2075**, and if you desaturate by 10%, it is **8E3C7B**.

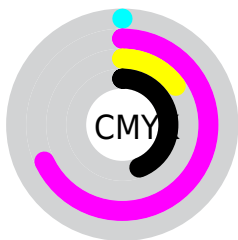
# Distribution



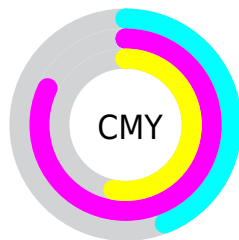
- Red (56%)
- Green (18%)
- Blue (47%)



- Red (56%)
- Yellow (18%)
- Blue (47%)



- Cyan (0%)
- Magenta (68%)
- Yellow (15%)
- Black (44%)



- Cyan (44%)
- Magenta (82%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8E2E78 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 8E2E78 by changing the saturation by 10% instead.



 8E2E78

 8E2E78

FFFFFF

 730E5F

 C663AD

 580047

 E37EC8

 3E0030

 FF99E4

 27001B

 FFB5FF

 000000

 FFD1FF

 FFEEFF

 8E2E78

 8E2E78

 8E2075

 8E3C7B

■ 8E1271

■ 8E4A7F

■ 8E036E

■ 8E5982

■ 8E006D

■ 8E6785

■ 8E7588

■ 8E838C

■ 8E918F

■ 8EA092

■ 8EAE95

# Harmonies

## Analogous

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



60459A



8E2E78



9F224E

# Triad

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



8E2E78



5F5600



006787

# Complementary

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



8E2E78



2E8E44

# 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.



00685D



8E2E78



316000

# Square

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



8E2E78



824600



006630



0062A3

# Rectangle

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



8E2E78



9D2A32



006630



00687A



# Sweetspot

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



8E2E78



B893AF



432E8E



5C4657



DBDBDB



5C5C5C



# Same Dimension

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



8E2E78



B82396



8E2E49



474046



870068



080006



# Inverse Universe

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



8E2E78



B82396



2E8E73



474046



870068



080006



# Previews

## White Background



This preview shows how the Hex color 8E2E78 looks on a white background.

## Color Contrast Check

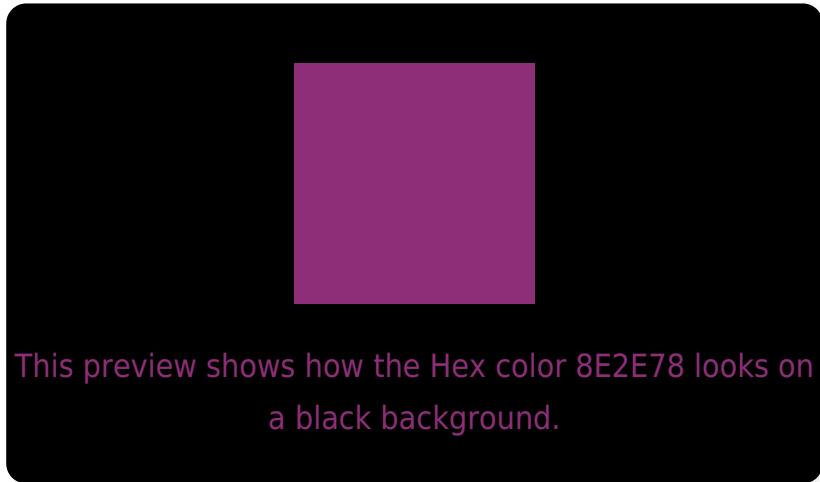
Large Text (above 18pt) WCAG AA ✓ Pass

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

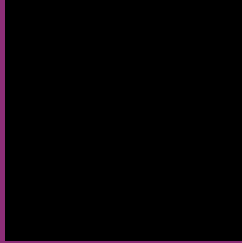
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8E2E78 Background



This preview shows how black text looks on a background with the Hex color 8E2E78.

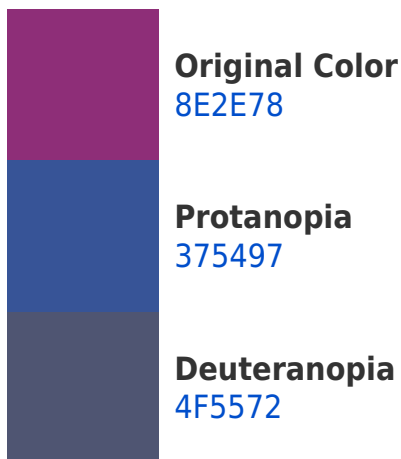


This preview shows how white text looks on a background with the Hex color 8E2E78.

# 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**  
893E42

# Trichromacy



**Original Color**  
8E2E78



**Protanomaly**  
57468C



**Deuteranomaly**  
664774



**Tritanomaly**  
8B3856

# Monochromacy



**Original Color**  
8E2E78



**Achromatopsia**  
535353



**Achromatomaly**  
684660

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8E2E78 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 #8E2E78 looks like.

```
.text, #text, p{  
    color:#8E2E78  
}
```

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 #8E2E78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8E2E78
}
```

## Border

The CSS property to change the border of an element to Hex 8E2E78 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
#8E2E78 }
```

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

```
.border{ border-color:#8E2E78 }
```

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

Here you see how a box with a 4 pixel #8E2E78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8E2E78; -webkit-box-shadow:4px 4px  
4px 4px #8E2E78; box-shadow:4px 4px 4px  
4px #8E2E78 }
```

# Background

The CSS property to change the background color of an element to Hex 8E2E78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8E2E78 }
```

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

```
.background{ background-color:#8E2E78 }
```

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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