

# Converting Colors

Hex(8E23AB)

Have a look what the booklet for  
Hex(8E23AB) contains.

<b>Hex(8E23AB)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(8E23AB)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8E23AB
RGB	142, 35, 171
RGB Percent	56%, 14%, 67%
CMY	0.4431, 0.8627, 0.3294
CMYK	0.17, 0.80, 0.00, 0.33
HSL	287°, 66%, 40%
HSV	287°, 80%, 67%
XYZ	19.1070, 9.8931, 39.4306
YIQ	82.4970, 20.1160, 64.9800

# Conversions

## Conversions Part 2

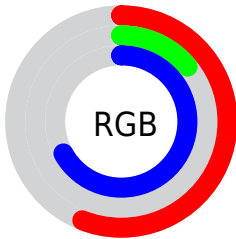
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	142, 35, 171
Decimal	9315243
CIE <sub>Lab</sub>	37.65, 61.65, -50.06
CIE <sub>LCh</sub>	38, 79.414, 320.926
Yxy	9.8931, 0.2792, 0.1446
Android (android.graphics.Color)	4287505323 (0xFF8E23AB)
YUV	82.4970, 43.6320, 52.1841
Hunter-Lab	31.4533, 53.3906, -52.3099

# Details

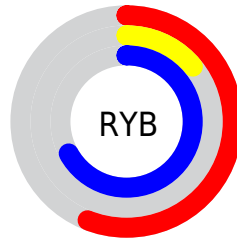
The Hex color **8E23AB** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **40AB23**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **C75DE3**, and **570076** is the 20% darker color. If you saturate the color by 10%, you get **8A12AB**, and if you desaturate by 10%, it is **9234AB**.

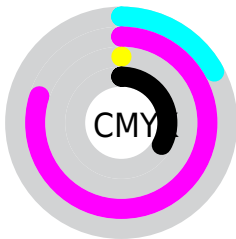
# Distribution



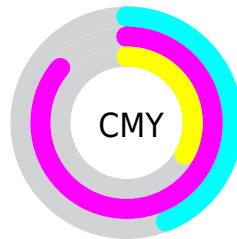
- Red (56%)
- Green (14%)
- Blue (67%)



- Red (56%)
- Yellow (14%)
- Blue (67%)



- Cyan (17%)
- Magenta (80%)
- Yellow (0%)
- Black (33%)



- Cyan (44%)
- Magenta (86%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8E23AB 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 8E23AB by changing the saturation by 10% instead.



8E23AB

8E23AB

FFFFFF

720090

C75DE3

570076

E579FF

3B005C

FF94FF

220044

FFB1FF

00002D

FFC0FF

000117

FFEAFF

000000

8E23AB

8E23AB

8A12AB

9234AB

8701AB

9545AB

8700AB

9956AB

9D67AB

A079AB

A48AAB

A89BAB

ABACAB

AFBDAB

# Harmonies

## Analogous

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



0051D3



8E23AB



BC006F

# Triad

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



8E23AB



7D4F00



007285

# Complementary

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



8E23AB



40AB23

# 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.



007042



8E23AB



426300

# Square

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



8E23AB



A92800



006C00



0070BD

# Rectangle

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



8E23AB



C30045



006C00



00716F



# Sweetspot

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



8E23AB



D2A9DE



2340AB



695070



F0F0F0



707070



# Same Dimension

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



8E23AB



B10BDE



AB2384



554E57



760096



120017



# Inverse Universe

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



AB2340



DE0B38



23AB4A



574E50



960020

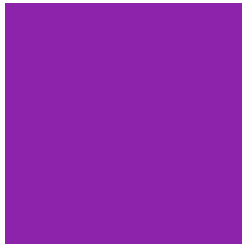


170005



# Previews

## White Background



This preview shows how the Hex color 8E23AB 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

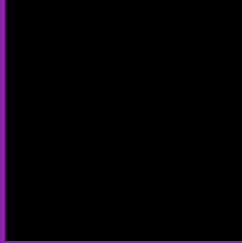
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8E23AB Background



This preview shows how black text looks on a background with the Hex color 8E23AB.

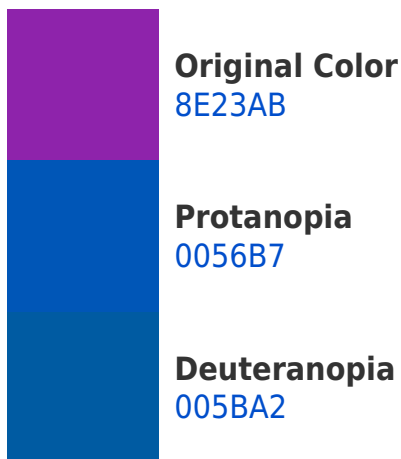



This preview shows how white text looks on a background with the Hex color 8E23AB.

# 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**  
81494E

# Trichromacy



**Original Color**  
8E23AB



**Protanomaly**  
3443B3



**Deuteranomaly**  
3447A5



**Tritanomaly**  
863B70

# Monochromacy



**Original Color**  
8E23AB



**Achromatopsia**  
525252



**Achromatomaly**  
684172

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8E23AB 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 #8E23AB looks like.

```
.text, #text, p{  
    color:#8E23AB  
}
```

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 #8E23AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8E23AB
}
```

## Border

The CSS property to change the border of an element to Hex 8E23AB is called "border". The border property can be set on classes, ids or directly on the HTML element.

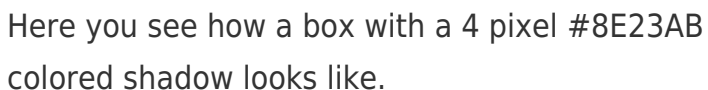
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8E23AB }
```

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

```
.border{ border-color:#8E23AB }
```

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



Here you see how a box with a 4 pixel #8E23AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8E23AB; -webkit-box-shadow:4px 4px  
4px 4px #8E23AB; box-shadow:4px 4px 4px  
4px #8E23AB }
```

# Background

The CSS property to change the background color of an element to Hex 8E23AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8E23AB }
```

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

```
.background{ background-color:#8E23AB }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor