

Converting Colors

Hex(8E42A5)

Have a look what the booklet for
Hex(8E42A5) contains.

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Color

Hex(8E42A5)

Conversions

Conversions Part 1

Format	Color
Hex	8E42A5
RGB	142, 66, 165
RGB Percent	56%, 26%, 65%
CMY	0.4431, 0.7412, 0.3529
CMYK	0.14, 0.60, 0.00, 0.35
HSL	286°, 43%, 45%
HSV	286°, 60%, 65%
XYZ	19.8951, 12.3638, 36.9352
YIQ	100.0100, 13.5170, 46.9010

Conversions

Conversions Part 2

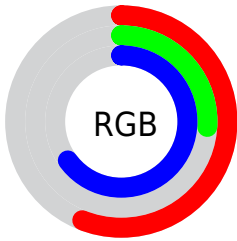
Format	Color
R_{YB}	142, 66, 165
Decimal	9323173
CIE _{Lab}	41.79, 47.79, -39.85
CIE _{LCh}	42, 62.220, 320.175
Yxy	12.3638, 0.2875, 0.1787
Android (android.graphics.Color)	4287513253 (0xFF8E42A5)
YUV	100.0100, 32.0401, 36.8252
Hunter-Lab	35.1622, 39.4628, -37.6660

Details

The Hex color **8E42A5** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **59A542**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **C676DD**, and **580870** is the 20% darker color. If you saturate the color by 10%, you get **8A32A5**, and if you desaturate by 10%, it is **9252A5**.

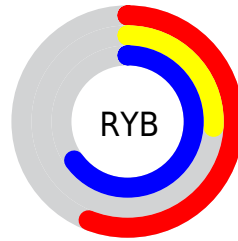
Distribution



Red (56%)

Green (26%)

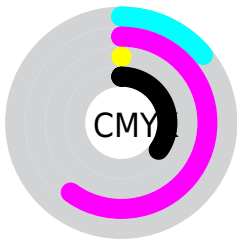
Blue (65%)



Red (56%)

Yellow (26%)

Blue (65%)

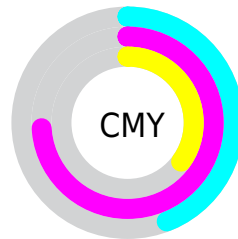


Cyan (14%)

Magenta (60%)

Yellow (0%)

Black (35%)



Cyan (44%)

Magenta (74%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8E42A5 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 8E42A5 by changing the saturation by 10% instead.

8E42A5

8E42A5

FFFFFF

73288A

C676DD

580870

E391F9

3E0057

FFACFF

270040

FFC8FF

000029

FFE5FF

000112

000000

8E42A5

8E42A5

8A32A5

9252A5

 8621A5

 9663A5

 8310A5

 9A73A5

 7F00A5

 9D84A5

 A194A5

 A5A5A5

 A9B6A5

 ADC6A5

 B0D6A5

Harmonies

Analogous

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



305DC4



8E42A5



B42676

Triad

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



8E42A5



865A00



007985

Complementary

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



8E42A5



59A542

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.



00784F



8E42A5



576A00

Square

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



8E42A5



A94210



007318



0076B1

Rectangle

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



8E42A5



BB2254



007318



007973

Sweetspot

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



8E42A5



CDB0D6



4259A5



66546B



EBEBEB



6B6B6B

Same Dimension

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



8E42A5



B23CD6



A5428B



504952



700091



0E0012

Inverse Universe

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



A54259



D63C60



42A55C



52494B



910022



120004

Previews

White Background



This preview shows how the Hex color 8E42A5 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

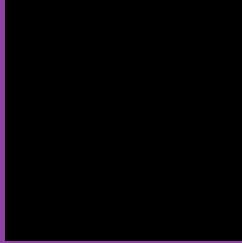
Any Text WCAG AA × Fail

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 8E42A5 Background



This preview shows how black text looks on a background with the Hex color 8E42A5.

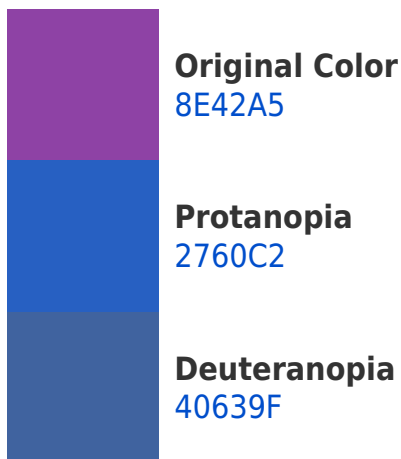



This preview shows how white text looks on a background with the Hex color 8E42A5.

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
84565D

Trichromacy



Original Color
8E42A5



Protanomaly
4C55B7



Deuteranomaly
5C57A1



Tritanomaly
884F77

Monochromacy



Original Color
8E42A5



Achromatopsia
646464



Achromatomaly
73587C

CSS Examples

Text

The CSS property to change the color of the text to Hex 8E42A5 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 #8E42A5 looks like.

```
.text, #text, p{  
    color:#8E42A5  
}
```

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 #8E42A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8E42A5  
}
```

Border

The CSS property to change the border of an element to Hex 8E42A5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

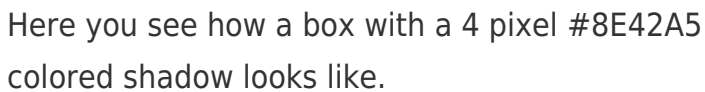
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#8E42A5 }
```

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

```
.border{ border-color:#8E42A5 }
```

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



Here you see how a box with a 4 pixel #8E42A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8E42A5; -webkit-box-shadow:4px 4px  
4px 4px #8E42A5; box-shadow:4px 4px 4px  
4px #8E42A5 }
```

Background

The CSS property to change the background color of an element to Hex 8E42A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8E42A5 }
```

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

```
.background{ background-color:#8E42A5 }
```

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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