

# Converting Colors

Hex(8E72B2)

Have a look what the booklet for  
Hex(8E72B2) contains.

<b>Hex(8E72B2)</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(8E72B2)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8E72B2
RGB	142, 114, 178
RGB Percent	56%, 45%, 70%
CMY	0.4431, 0.5529, 0.3020
CMYK	0.20, 0.36, 0.00, 0.30
HSL	266°, 29%, 57%
HSV	266°, 36%, 70%
XYZ	25.2085, 20.9998, 44.8442
YIQ	129.6680, -3.8560, 25.8400

# Conversions

## Conversions Part 2

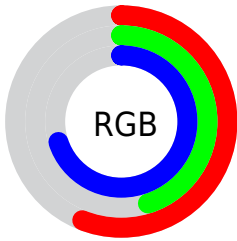
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	142, 114, 178
Decimal	9335474
CIE <sub>Lab</sub>	52.95, 24.05, -29.93
CIE <sub>LCh</sub>	53, 38.393, 308.791
Y <sub>xy</sub>	20.9998, 0.2769, 0.2306
Android (android.graphics.Color)	4287525554 (0xFF8E72B2)
Y <sub>UV</sub>	129.6680, 23.8277, 10.8152
Hunter-Lab	45.8255, 17.9979, -25.9425

# Details

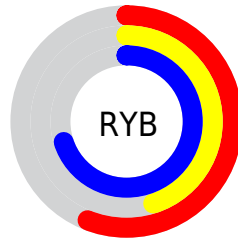
The Hex color **8E72B2** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **96B272**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **C5A6EA**, and **5A427D** is the 20% darker color. If you saturate the color by 10%, you get **8460B2**, and if you desaturate by 10%, it is **9884B2**.

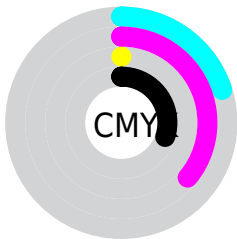
# Distribution



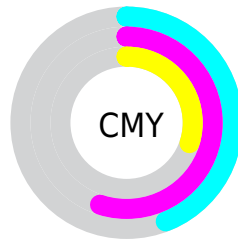
- Red (56%)
- Green (45%)
- Blue (70%)



- Red (56%)
- Yellow (45%)
- Blue (70%)



- Cyan (20%)
- Magenta (36%)
- Yellow (0%)
- Black (30%)



- Cyan (44%)
- Magenta (55%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8E72B2 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 8E72B2 by changing the saturation by 10% instead.





8E72B2



8E72B2

FFFFFF



745997



C5A6EA



5A427D



E1C1FF



422B64



FEDDFF



2A154C



FFFAFF



150035



00021F



000001



000000



8E72B2



8E72B2

8460B2

9884B2

7A4EB2

A296B2

703DB2

ACA7B2

662BB2

B6B9B2

5C19B2

C0CBB2

5207B2

CADDB2

4E00B2

D4EFB2

DEFFB2

E8FFB2

# Harmonies

## Analogous

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



5A7FBF



8E72B2



AF6797

# Triad

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



8E72B2



A67441



008F87

# Complementary

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



8E72B2



96B272

# 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.



378E65



8E72B2



89803B

# Square

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



8E72B2



B86957



668849



008EA7

# Rectangle

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



8E72B2



BA6381



668849



008F7C



# Sweetspot

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



8E72B2



DACFE8



7296B2



6D6675



F5F5F5



757575



# Same Dimension

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



8E72B2



B084E8



AE72B2



545059



430099



0B001A



# Inverse Universe

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



B27296



E884BC



76B272



595055



990056

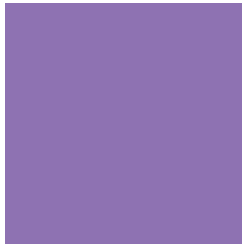


1A000E



# Previews

## White Background



This preview shows how the Hex color 8E72B2 looks on a white 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

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

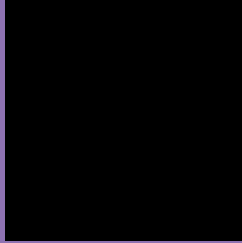
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8E72B2 Background



This preview shows how black text looks on a background with the Hex color 8E72B2.



This preview shows how white text looks on a background with the Hex color 8E72B2.

# 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**  
8E72B2

**Protanopia**  
6A7CBA

**Deuteranopia**  
6E7DB0



**Tritanopia**  
867B85

# Trichromacy



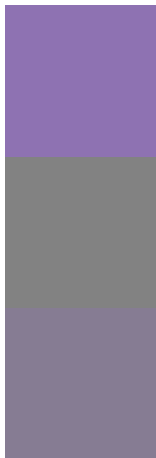
**Original Color**  
8E72B2

**Protanomaly**  
7778B7

**Deuteranomaly**  
7A79B1

**Tritanomaly**  
897895

# Monochromacy



**Original Color**  
8E72B2

**Achromatopsia**  
828282

**Achromatomaly**  
867C93

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8E72B2 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 #8E72B2 looks like.

```
.text, #text, p{  
    color:#8E72B2  
}
```

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 #8E72B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8E72B2
}
```

## Border

The CSS property to change the border of an element to Hex 8E72B2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

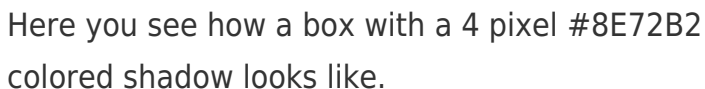
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8E72B2 }
```

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

```
.border{ border-color:#8E72B2 }
```

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



Here you see how a box with a 4 pixel #8E72B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8E72B2; -webkit-box-shadow:4px 4px  
4px 4px #8E72B2; box-shadow:4px 4px 4px  
4px #8E72B2 }
```

# Background

The CSS property to change the background color of an element to Hex 8E72B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8E72B2 }
```

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

```
.background{ background-color:#8E72B2 }
```

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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