

# Converting Colors

Hex(8E76BC)

Have a look what the booklet for  
Hex(8E76BC) contains.

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# Color

**Hex(8E76BC)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8E76BC
RGB	142, 118, 188
RGB Percent	56%, 46%, 74%
CMY	0.4431, 0.5373, 0.2627
CMYK	0.24, 0.37, 0.00, 0.26
HSL	261°, 34%, 60%
HSV	261°, 37%, 74%
XYZ	26.7109, 22.3385, 50.4809
YIQ	133.1560, -8.1660, 26.8580

# Conversions

## Conversions Part 2

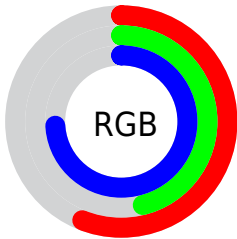
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	142, 118, 188
Decimal	9336508
CIE Lab	54.38, 24.13, -33.44
CIE LCh	54, 41.235, 305.808
Yxy	22.3385, 0.2684, 0.2244
Android (android.graphics.Color)	4287526588 (0xFF8E76BC)
YUV	133.1560, 27.0381, 7.7562
Hunter-Lab	47.2636, 18.1673, -30.2414

# Details

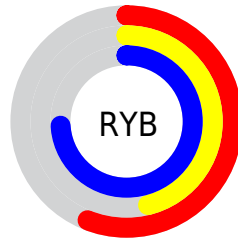
The Hex color **8E76BC** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **A4BC76**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **C5AAF5**, and **5A4586** is the 20% darker color. If you saturate the color by 10%, you get **8263BC**, and if you desaturate by 10%, it is **9A89BC**.

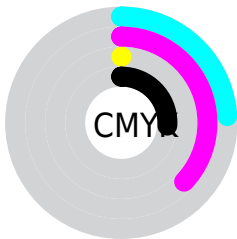
# Distribution



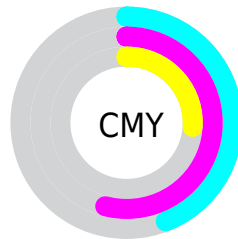
- Red (56%)
- Green (46%)
- Blue (74%)



- Red (56%)
- Yellow (46%)
- Blue (74%)



- Cyan (24%)
- Magenta (37%)
- Yellow (0%)
- Black (26%)



- Cyan (44%)
- Magenta (54%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8E76BC 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 8E76BC by changing the saturation by 10% instead.



8E76BC

8E76BC

FFFFFF

745DA1

C5AAF5

5A4586

E1C6FF

412F6D

FEE2FF

281954

10023D

000326

00010F

000000

8E76BC

8E76BC

8263BC

9A89BC

7550BC

A79CBC

693EBC

B3AEBC

5D2BBC

BFC1BC

5018BC

CCD4BC

4405BC

D8E7BC

4000BC

E4FABC

F1FFBC

FDFBC

# Harmonies

## Analogous

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



5184C9



8E76BC



B469A0

# Triad

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



8E76BC



AF7641



009488

# Complementary

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



8E76BC



A4BC76

# 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.



3A9264



8E76BC



918239

# Square

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



8E76BC



C16A5A



6B8C46



0093AB

# Rectangle

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



8E76BC



C16489



6B8C46



00947C



# Sweetspot

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



8E76BC



E3DAF5



76A5BC



706A7A



FAFAFA



7A7A7A



# Same Dimension

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



8E76BC



AC87F5



B076BC



58555E



36009E



0A001F



# Inverse Universe

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



BC76A4



F587CF



82BC76



5E555B



9E0068

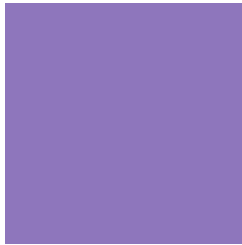


1F0014



# Previews

## White Background



This preview shows how the Hex color 8E76BC looks on a white background.

## Color Contrast Check

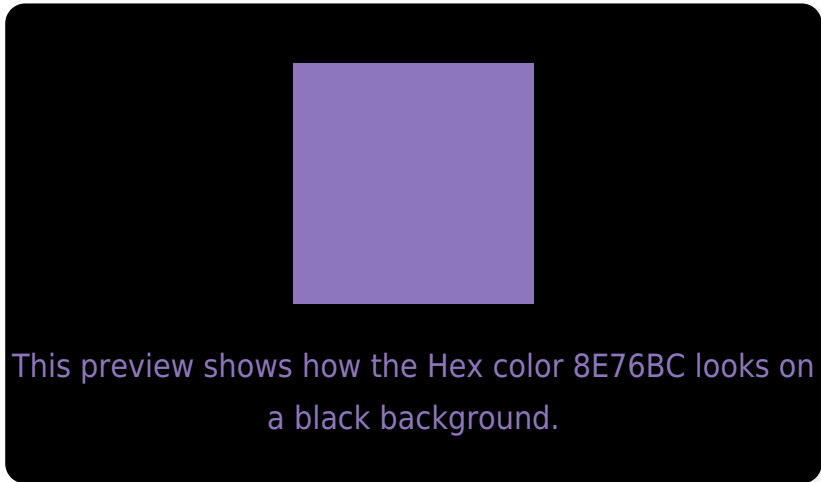
Large Text (above 18pt) WCAG AA ✓ Pass

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 8E76BC Background



This preview shows how black text looks on a background with the Hex color 8E76BC.

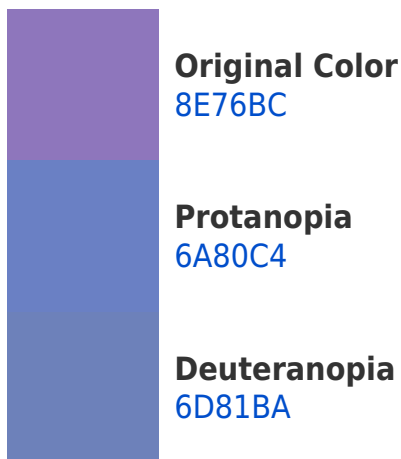


This preview shows how white text looks on a background with the Hex color 8E76BC.

# 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](#).

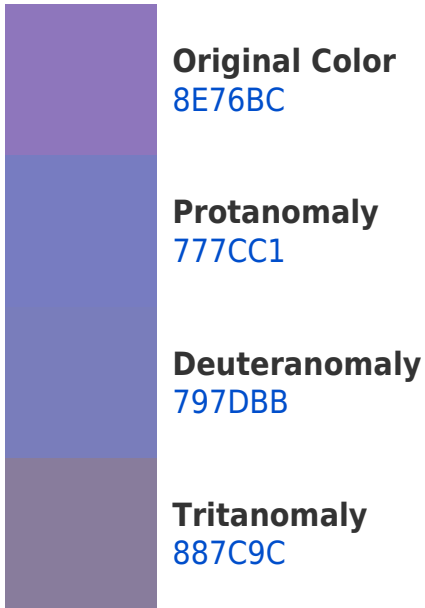
## Dichromacy





**Tritanopia**  
85808A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8E76BC 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 #8E76BC looks like.

```
.text, #text, p{  
    color:#8E76BC  
}
```

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 #8E76BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8E76BC
}
```

## Border

The CSS property to change the border of an element to Hex 8E76BC is called "border". The border property can be set on classes, ids or directly on the HTML element.

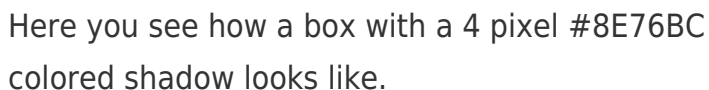
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8E76BC }
```

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

```
.border{ border-color:#8E76BC }
```

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



Here you see how a box with a 4 pixel #8E76BC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8E76BC; -webkit-box-shadow:4px 4px  
4px 4px #8E76BC; box-shadow:4px 4px 4px  
4px #8E76BC }
```

# Background

The CSS property to change the background color of an element to Hex 8E76BC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8E76BC }
```

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

```
.background{ background-color:#8E76BC }
```

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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