

Converting Colors

Hex(8E6598)

Have a look what the booklet for
Hex(8E6598) contains.

| | |
|--|----|
| Hex(8E6598) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(8E6598)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 8E6598 |
| RGB | 142, 101, 152 |
| RGB Percent | 56%, 40%, 60% |
| CMY | 0.4431, 0.6039, 0.4039 |
| CMYK | 0.07, 0.34, 0.00, 0.40 |
| HSL | 288°, 20%, 50% |
| HSV | 288°, 34%, 60% |
| XYZ | 21.4765, 17.3251, 31.9179 |
| YIQ | 119.0730, 8.0650, 24.5530 |

Conversions

Conversions Part 2

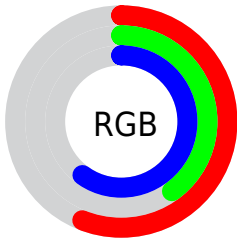
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 142, 101, 152 |
| Decimal | 9332120 |
| CIE _{Lab} | 48.67, 25.80, -21.36 |
| CIE _{LCh} | 49, 33.499, 320.377 |
| Yxy | 17.3251, 0.3037, 0.2450 |
| Android (android.graphics.Color) | 4287522200 (0xFF8E6598) |
| YUV | 119.0730, 16.2330, 20.1070 |
| Hunter-Lab | 41.6235, 19.2597, -16.3286 |

Details

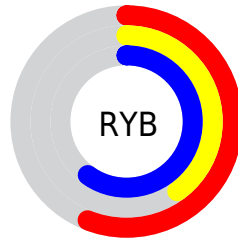
The Hex color **8E6598** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **6F9865**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **C499CE**, and **5B3565** is the 20% darker color. If you saturate the color by 10%, you get **8B5698**, and if you desaturate by 10%, it is **917498**.

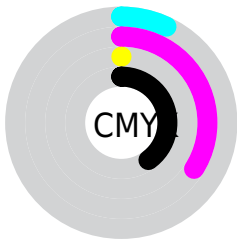
Distribution



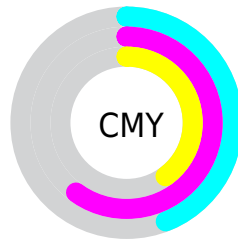
- Red (56%)
- Green (40%)
- Blue (60%)



- Red (56%)
- Yellow (40%)
- Blue (60%)



- Cyan (7%)
- Magenta (34%)
- Yellow (0%)
- Black (40%)



- Cyan (44%)
- Magenta (60%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8E6598 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 8E6598 by changing the saturation by 10% instead.

 8E6598

 8E6598

FFFFFF

 744D7E

 C499CE

 5B3565

 E1B3EB

 431F4D

 FDCFFF

 2B0836

 FFECFF

 180021

 000004

 000000

 8E6598

 8E6598

 8B5698

 917498

884798

948398

853798

979398

822898

9AA298

7F1998

9DB198

7C0A98

A0C098

7A0098

A3CF98

A6DF98

A9EE98

Harmonies

Analogous

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



6870A9



8E6598



A45E7E

Triad

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



8E6598



8D6F3B



008286

Complementary

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



8E6598



6F9865

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.



258269



8E6598



72783D

Square

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



8E6598



A16549



517E4E



007F9E

Rectangle

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



8E6598



AA5D6B



517E4E



00827D

Sweetspot

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



8E6598



C1B1C4



656F98



615863



E3E3E3



636363

Same Dimension

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



8E6598



B576C4



986589



4B454D



71008C



0A000D

Inverse Universe

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



98656F



C47685



659874



4D4546



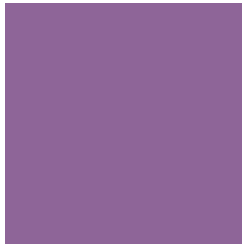
8C001B



0D0002

Previews

White Background



This preview shows how the Hex color 8E6598 looks on a white background.

Color Contrast Check

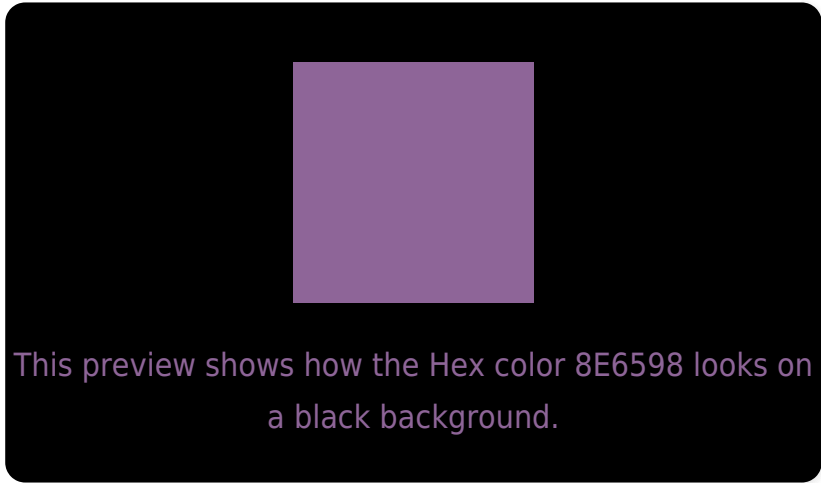
Large Text (above 18pt) WCAG AA ✓ Pass

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

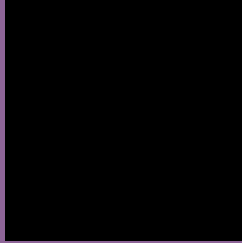
Any Text WCAG AA × Fail

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 8E6598 Background



This preview shows how black text looks on a background with the Hex color 8E6598.

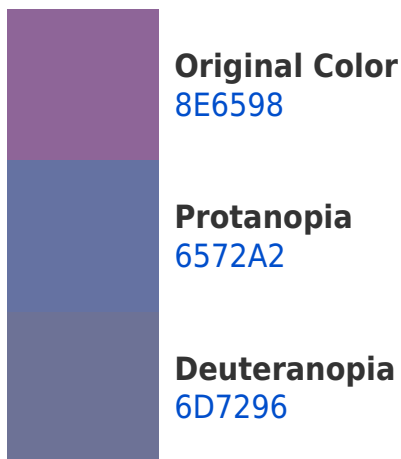



This preview shows how white text looks on a background with the Hex color 8E6598.

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
896C74

Trichromacy



Original Color
8E6598

Protanomaly
746D9E

Deuteranomaly
796D97

Tritanomaly
8B6981

Monochromacy



Original Color
8E6598

Achromatopsia
777777

Achromatomaly
7F7083

CSS Examples

Text

The CSS property to change the color of the text to Hex 8E6598 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 #8E6598 looks like.

```
.text, #text, p{  
    color:#8E6598  
}
```

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 #8E6598 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8E6598  
}
```

Border

The CSS property to change the border of an element to Hex 8E6598 is called "border". The border property can be set on classes, ids or directly on the HTML element.

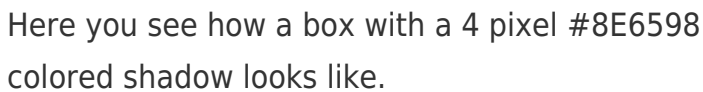
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#8E6598 }
```

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

```
.border{ border-color:#8E6598 }
```

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



Here you see how a box with a 4 pixel #8E6598 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8E6598; -webkit-box-shadow:4px 4px  
4px 4px #8E6598; box-shadow:4px 4px 4px  
4px #8E6598 }
```

Background

The CSS property to change the background color of an element to Hex 8E6598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8E6598 }
```

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

```
.background{ background-color:#8E6598 }
```

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