

Converting Colors

Hex(8E66B2)

Have a look what the booklet for
Hex(8E66B2) contains.

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Color

Hex(8E66B2)

Conversions

Conversions Part 1

Format	Color
Hex	8E66B2
RGB	142, 102, 178
RGB Percent	56%, 40%, 70%
CMY	0.4431, 0.6000, 0.3020
CMYK	0.20, 0.43, 0.00, 0.30
HSL	272°, 33%, 55%
HSV	272°, 43%, 70%
XYZ	23.9426, 18.4679, 44.4222
YIQ	122.6240, -0.5560, 32.1160

Conversions

Conversions Part 2

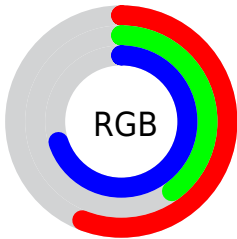
Format	Color
R_{YB}	142, 102, 178
Decimal	9332402
CIE _{Lab}	50.06, 31.04, -34.44
CIE _{LCh}	50, 46.365, 312.028
Yxy	18.4679, 0.2757, 0.2127
Android (android.graphics.Color)	4287522482 (0xFF8E66B2)
YUV	122.6240, 27.3004, 16.9928
Hunter-Lab	42.9743, 24.2441, -31.2057

Details

The Hex color **8E66B2** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **8AB266**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **C59AEA**, and **5A367D** is the 20% darker color. If you saturate the color by 10%, you get **8654B2**, and if you desaturate by 10%, it is **9678B2**.

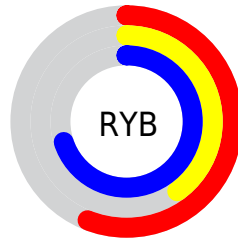
Distribution



Red (56%)

Green (40%)

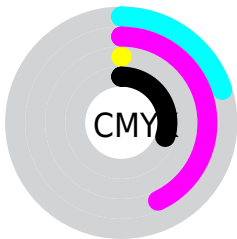
Blue (70%)



Red (56%)

Yellow (40%)

Blue (70%)

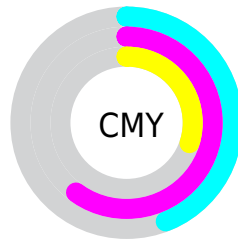


Cyan (20%)

Magenta (43%)

Yellow (0%)

Black (30%)



Cyan (44%)

Magenta (60%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8E66B2 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 8E66B2 by changing the saturation by 10% instead.

8E66B2

8E66B2

FFFFFF

744D97

C59AEA

5A367D

E1B5FF

411F64

FFD1FF

28084B

FFEDFF

170034

00021E

000000

8E66B2

8E66B2

8654B2

9678B2

7D42B2

9F8AB2

7531B2

A79BB2

6C1FB2

B0ADB2

640DB2

B8BFB2

5E00B2

C1D1B2

C9E3B2

D1F4B2

DAFFB2

Harmonies

Analogous

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



4B76C4



8E66B2



B35790

Triad

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



8E66B2



A06C29



008A86

Complementary

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



8E66B2



8AB266

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.



00895D



8E66B2



7E7A24

Square

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



8E66B2



B85D44



528439



0088AB

Rectangle

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



8E66B2



BE5376



528439



008A79

Sweetspot

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



8E66B2



DACAE8



668BB2



6C6375



F5F5F5



757575

Same Dimension

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



8E66B2



B072E8



B266B1



555059



510099



0D001A

Inverse Universe

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



B2668A



E872AA



66B267



595055



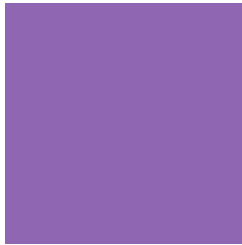
990048



1A000C

Previews

White Background



This preview shows how the Hex color 8E66B2 looks on a white background.

Color Contrast Check

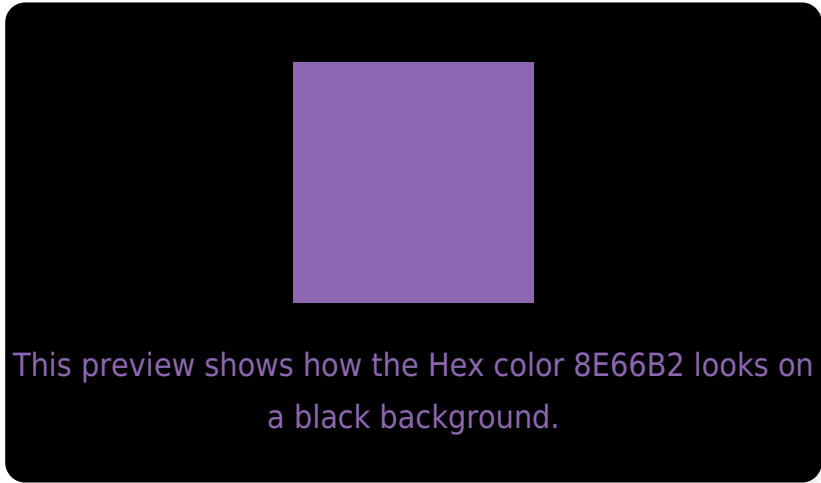
Large Text (above 18pt) WCAG AA ✓ Pass

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

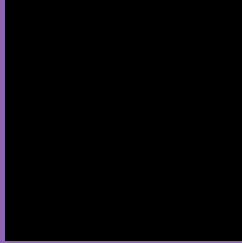
Any Text WCAG AA ✓ Pass

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 8E66B2 Background



This preview shows how black text looks on a background with the Hex color 8E66B2.

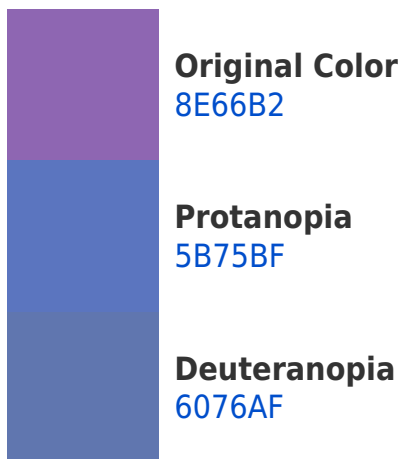


This preview shows how white text looks on a background with the Hex color 8E66B2.

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](#).

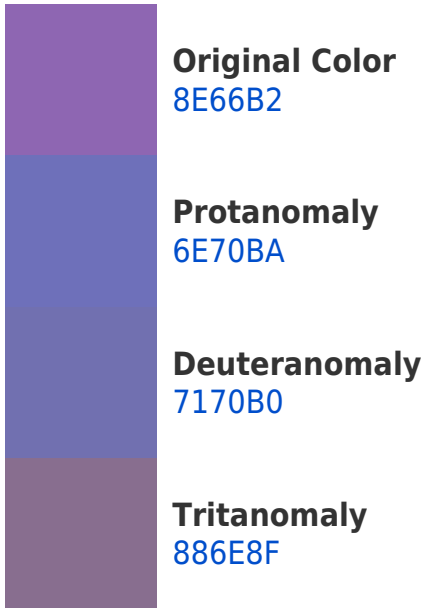
Dichromacy



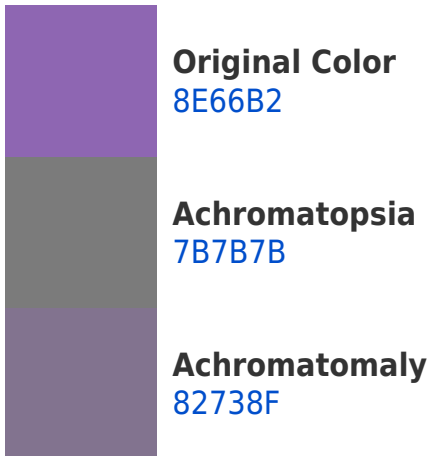


Tritanopia
85727B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8E66B2 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 #8E66B2 looks like.

```
.text, #text, p{  
    color:#8E66B2  
}
```

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 #8E66B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8E66B2
}
```

Border

The CSS property to change the border of an element to Hex 8E66B2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

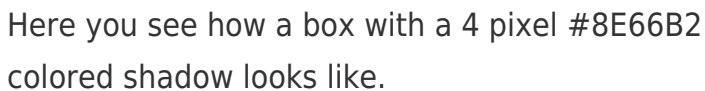
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8E66B2 }
```

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

```
.border{ border-color:#8E66B2 }
```

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



Here you see how a box with a 4 pixel #8E66B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8E66B2; -webkit-box-shadow:4px 4px  
4px 4px #8E66B2; box-shadow:4px 4px 4px  
4px #8E66B2 }
```

Background

The CSS property to change the background color of an element to Hex 8E66B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8E66B2 }
```

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

```
.background{ background-color:#8E66B2 }
```

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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