

Converting Colors

Hex(8E75B2)

Have a look what the booklet for
Hex(8E75B2) contains.

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Color

Hex(8E75B2)

Conversions

Conversions Part 1

Format	Color
Hex	8E75B2
RGB	142, 117, 178
RGB Percent	56%, 46%, 70%
CMY	0.4431, 0.5412, 0.3020
CMYK	0.20, 0.34, 0.00, 0.30
HSL	265°, 28%, 58%
HSV	265°, 34%, 70%
XYZ	25.5525, 21.6877, 44.9589
YIQ	131.4290, -4.6810, 24.2710

Conversions

Conversions Part 2

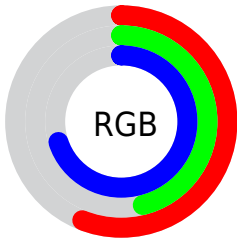
Format	Color
R_{YB}	142, 117, 178
Decimal	9336242
CIE _{Lab}	53.69, 22.30, -28.77
CIE _{LCh}	54, 36.397, 307.778
Yxy	21.6877, 0.2771, 0.2352
Android (android.graphics.Color)	4287526322 (0xFF8E75B2)
YUV	131.4290, 22.9595, 9.2708
Hunter-Lab	46.5701, 16.4434, -24.6397

Details

The Hex color **8E75B2** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **99B275**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **C5A9EA**, and **5A447D** is the 20% darker color. If you saturate the color by 10%, you get **8363B2**, and if you desaturate by 10%, it is **9987B2**.

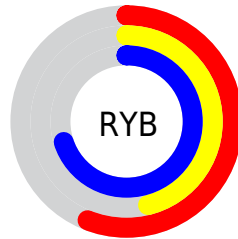
Distribution



Red (56%)

Green (46%)

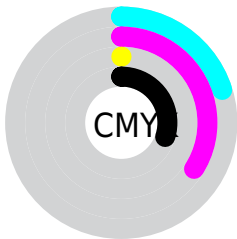
Blue (70%)



Red (56%)

Yellow (46%)

Blue (70%)

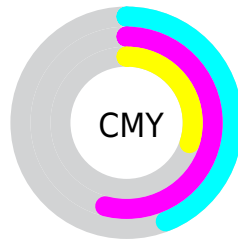


Cyan (20%)

Magenta (34%)

Yellow (0%)

Black (30%)



Cyan (44%)

Magenta (54%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8E75B2 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 8E75B2 by changing the saturation by 10% instead.

8E75B2

8E75B2

FFFFFF

745C97

C5A9EA

5A447D

E1C5FF

422E64

FEE1FF

2A184C

FFFDFF

150035

00021F

000002

000000

8E75B2

8E75B2

8363B2

9987B2

7951B2

A399B2

6E40B2

AEAAB2

642EB2

B8BCB2

591CB2

C3CEB2

4F0AB2

CDE0B2

4900B2

D8F2B2

E2FFB2

EDFFB2

Harmonies

Analogous

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



5D81BE



8E75B2



AE6B99

Triad

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



8E75B2



A77646



009188

Complementary

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



8E75B2



99B275

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.



418F68



8E75B2



8C8141

Square

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



8E75B2



B86C5B



6A8A4D



008FA6

Rectangle

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



8E75B2



B96784



6A8A4D



13907D

Sweetspot

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



8E75B2



DAD1E8



759AB2



6D6775



F5F5F5



757575

Same Dimension

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



8E75B2



B089E8



AC75B2



545059



3F0099



0A001A

Inverse Universe

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



B27599



E889C1



7BB275



595056



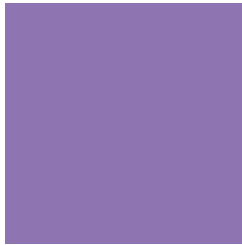
99005A



1A000F

Previews

White Background



This preview shows how the Hex color 8E75B2 looks on a white background.

Color Contrast Check

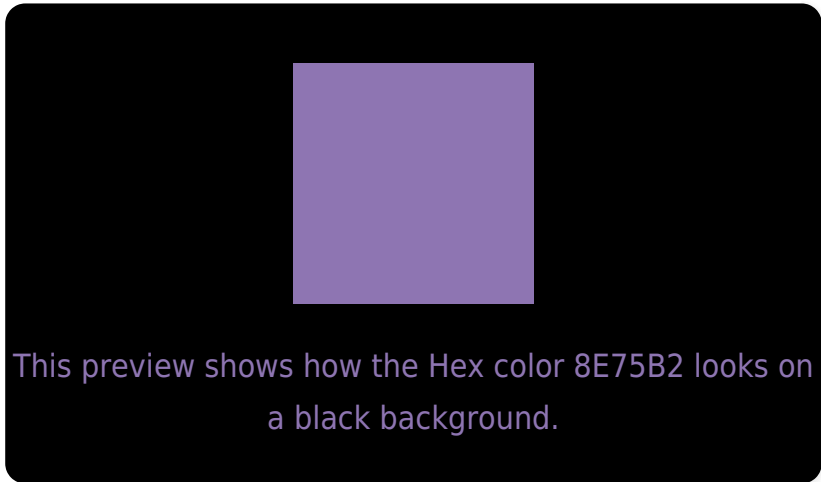
Large Text (above 18pt) WCAG AA ✓ Pass

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

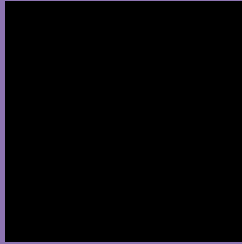
Any Text WCAG AA ✓ Pass

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 8E75B2 Background



This preview shows how black text looks on a background with the Hex color 8E75B2.

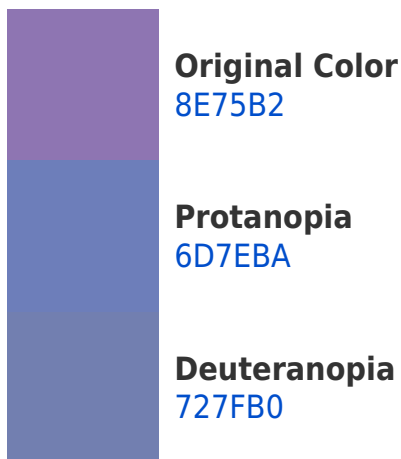


This preview shows how white text looks on a background with the Hex color 8E75B2.

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](#).

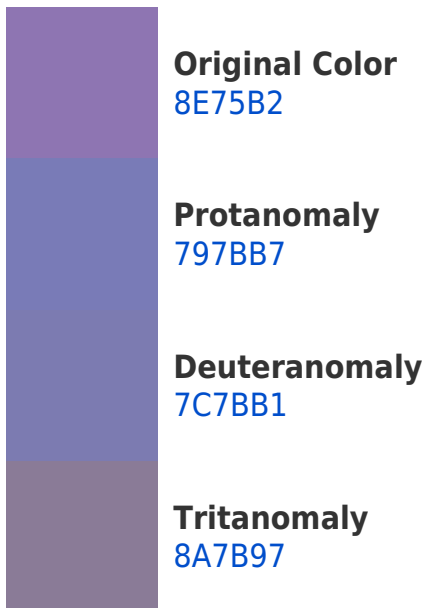
Dichromacy



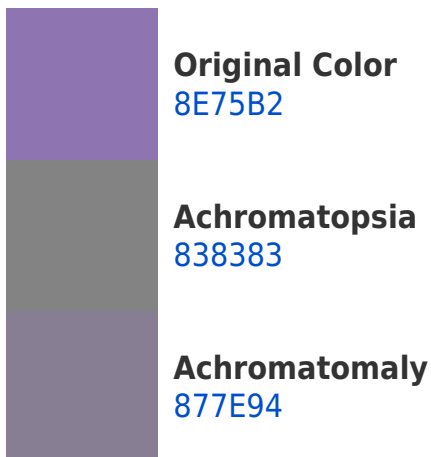


Tritanopia
877E87

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8E75B2 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 #8E75B2 looks like.

```
.text, #text, p{  
    color:#8E75B2  
}
```

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 #8E75B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8E75B2
}
```

Border

The CSS property to change the border of an element to Hex 8E75B2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

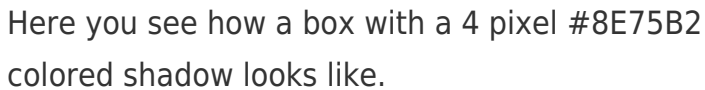
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8E75B2 }
```

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

```
.border{ border-color:#8E75B2 }
```

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



Here you see how a box with a 4 pixel #8E75B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8E75B2; -webkit-box-shadow:4px 4px  
4px 4px #8E75B2; box-shadow:4px 4px 4px  
4px #8E75B2 }
```

Background

The CSS property to change the background color of an element to Hex 8E75B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8E75B2 }
```

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

```
.background{ background-color:#8E75B2 }
```

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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