

Converting Colors

Hex(8E68B5)

Have a look what the booklet for
Hex(8E68B5) contains.

Hex(8E68B5)	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(8E68B5)

Conversions

Conversions Part 1

Format	Color
Hex	8E68B5
RGB	142, 104, 181
RGB Percent	56%, 41%, 71%
CMY	0.4431, 0.5922, 0.2902
CMYK	0.22, 0.43, 0.00, 0.29
HSL	270°, 34%, 56%
HSV	270°, 43%, 71%
XYZ	24.4461, 18.9876, 46.0926
YIQ	124.1400, -2.0690, 32.0030

Conversions

Conversions Part 2

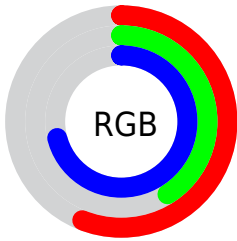
Format	Color
R_{YB}	142, 104, 181
Decimal	9332917
CIE _{Lab}	50.67, 30.59, -35.22
CIE _{LCh}	51, 46.651, 310.980
Yxy	18.9876, 0.2731, 0.2121
Android (android.graphics.Color)	4287522997 (0xFF8E68B5)
YUV	124.1400, 28.0320, 15.6632
Hunter-Lab	43.5748, 23.8855, -32.2135

Details

The Hex color **8E68B5** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **8FB568**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **C59CED**, and **5A3880** is the 20% darker color. If you saturate the color by 10%, you get **8556B5**, and if you desaturate by 10%, it is **977AB5**.

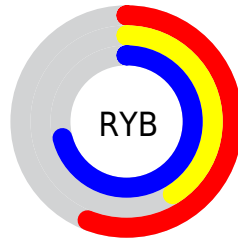
Distribution



Red (56%)

Green (41%)

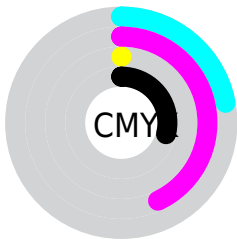
Blue (71%)



Red (56%)

Yellow (41%)

Blue (71%)

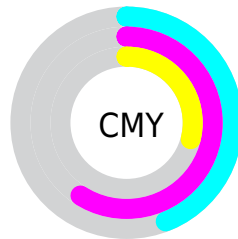


Cyan (22%)

Magenta (43%)

Yellow (0%)

Black (29%)



Cyan (44%)

Magenta (59%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8E68B5 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 8E68B5 by changing the saturation by 10% instead.

8E68B5

8E68B5

FFFFFF

744F9A

C59CED

5A3880

E2B7FF

412166

FFD3FF

280A4E

FFEFFF

150037

000220

000005

000000

8E68B5

8E68B5

8556B5

977AB5

7C44B5

A08CB5

7232B5

AA9EB5

6920B5

B3B0B5

600DB5

BCC3B5

5900B5

C5D5B5

CEE7B5

D7F9B5

E1FFB5

Harmonies

Analogous

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



4978C7



8E68B5



B45993

Triad

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



8E68B5



A36D2B



008C87

Complementary

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



8E68B5



8FB568

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.



008A5D



8E68B5



817B24

Square

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



8E68B5



BB5E46



558539



008AAC

Rectangle

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



8E68B5



C05579



558539



008C79

Sweetspot

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



8E68B5



DBCCEB



6890B5



6C6375



F5F5F5



757575

Same Dimension

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



8E68B5



AE73EB



B468B5



555059



4C0099



0D001A

Inverse Universe

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



B5688F



EB73B0



69B568



595055



99004D



1A000D

Previews

White Background



This preview shows how the Hex color 8E68B5 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

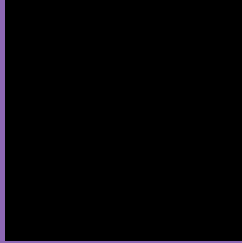
Any Text WCAG AA ✓ Pass

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 8E68B5 Background



This preview shows how black text looks on a background with the Hex color 8E68B5.

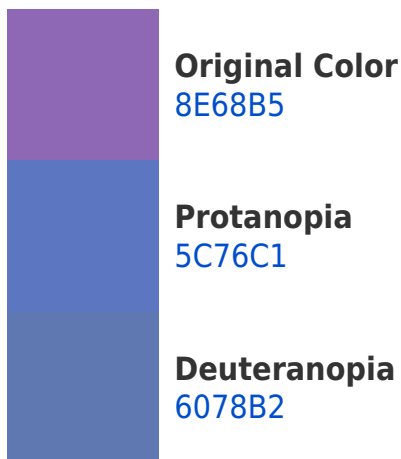


This preview shows how white text looks on a background with the Hex color 8E68B5.

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](#).

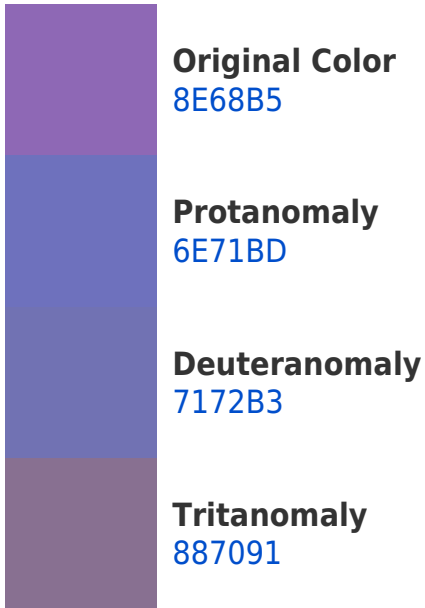
Dichromacy



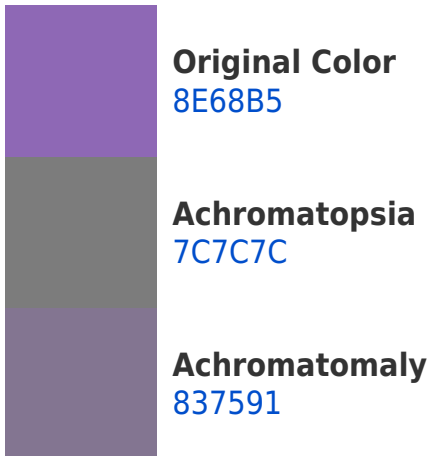


Tritanopia
84747D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8E68B5 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 #8E68B5 looks like.

```
.text, #text, p{  
    color:#8E68B5  
}
```

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 #8E68B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8E68B5  
}
```

Border

The CSS property to change the border of an element to Hex 8E68B5 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  
#8E68B5 }
```

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

```
.border{ border-color:#8E68B5 }
```

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

Here you see how a box with a 4 pixel #8E68B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8E68B5; -webkit-box-shadow:4px 4px  
4px 4px #8E68B5; box-shadow:4px 4px 4px  
4px #8E68B5 }
```

Background

The CSS property to change the background color of an element to Hex 8E68B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8E68B5 }
```

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

```
.background{ background-color:#8E68B5 }
```

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