

# Converting Colors

Hex(8E4DB6)

Have a look what the booklet for  
Hex(8E4DB6) contains.

|  |    |
|--|----|
| <b>Hex(8E4DB6)</b> .....                       | 3  |
| <b><i>Conversions</i></b> .....                | 4  |
| <b><i>Details</i></b> .....                    | 6  |
| <b><i>Harmonies</i></b> .....                  | 11 |
| <b><i>Previews</i></b> .....                   | 23 |
| <b><i>Color Blindness Simulation</i></b> ..... | 26 |
| <b><i>CSS Examples</i></b> .....               | 29 |

# Color

**Hex(8E4DB6)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | 8E4DB6                    |
| RGB           | 142, 77, 182              |
| RGB Percent   | 56%, 30%, 71%             |
| CMY           | 0.4431, 0.6980, 0.2863    |
| CMYK          | 0.22, 0.58, 0.00, 0.29    |
| HSL           | 277°, 42%, 51%            |
| HSV           | 277°, 58%, 71%            |
| XYZ           | 22.2527, 14.4359, 45.8695 |
| YIQ           | 108.4050, 5.0350, 46.4350 |

# Conversions

## Conversions Part 2

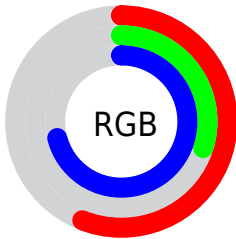
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 142, 77, 182                  |
| Decimal                             | 9326006                       |
| CIE <sub>Lab</sub>                  | 44.85, 45.87, -45.01          |
| CIE <sub>LCh</sub>                  | 45, 64.269, 315.544           |
| Yxy                                 | 14.4359, 0.2695,<br>0.1749    |
| Android<br>(android.graphics.Color) | 4287516086<br>(0xFF8E4DB6)    |
| YUV                                 | 108.4050, 36.2823,<br>29.4628 |
| Hunter-Lab                          | 37.9947, 38.0532,<br>-44.9824 |

# Details

The Hex color **8E4DB6** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **75B64D**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **C681EF**, and **581A80** is the 20% darker color. If you saturate the color by 10%, you get **873BB6**, and if you desaturate by 10%, it is **955FB6**.

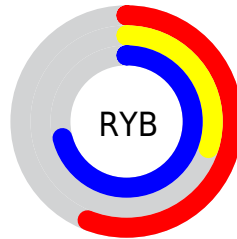
# Distribution



Red (56%)

Green (30%)

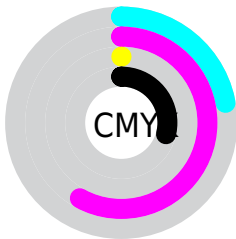
Blue (71%)



Red (56%)

Yellow (30%)

Blue (71%)

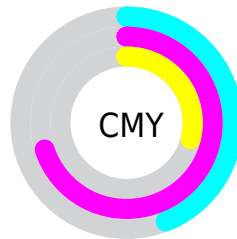


Cyan (22%)

Magenta (58%)

Yellow (0%)

Black (29%)



Cyan (44%)

Magenta (70%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8E4DB6 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 8E4DB6 by changing the saturation by 10% instead.



 8E4DB6

 8E4DB6

FFFFFF

 73349B

 C681EF

 581A80

 E39CFF

 3E0067

 FFB7FF

 24004E

 FFD3FF

 040037

 FFF0FF

 000220

 000004

 000000

 8E4DB6

 8E4DB6

873BB6

955FB6

8029B6

9C71B6

7916B6

A384B6

7204B6

AA96B6

7100B6

B1A8B6

B8BAB6

BFCCB6

C5DFB6

CCF1B6

# Harmonies

## Analogous

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



0467D2



8E4DB6



BC2F86

# Triad

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



8E4DB6



965E00



008285

# Complementary

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



8E4DB6



75B64D

# 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.



00804D



8E4DB6



677000

# Square

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



8E4DB6



B8441D



1E7B11



0080B6

# Rectangle

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



8E4DB6



C72763



1E7B11



008173



# Sweetspot

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



8E4DB6



DEC5ED



4D75B6



6F6078



F7F7F7



787878



# Same Dimension

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



8E4DB6



AF4AED



B64DAA



58535C



60009C



11001C



# Inverse Universe

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



B64D75



ED4A88



4DB659



5C5356



9C003B

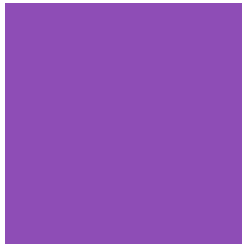


1C000B



# Previews

## White Background



This preview shows how the Hex color 8E4DB6 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

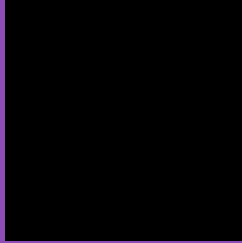
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8E4DB6 Background



This preview shows how black text looks on a background with the Hex color 8E4DB6.

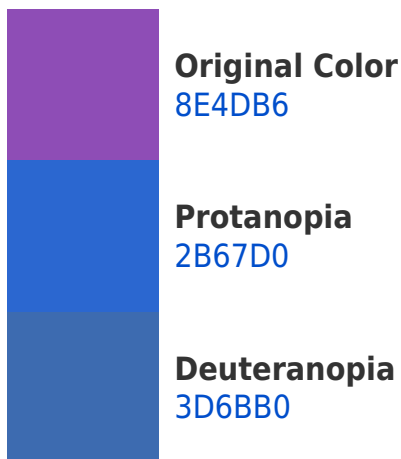


This preview shows how white text looks on a background with the Hex color 8E4DB6.

# 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**  
826269

# Trichromacy



**Original Color**  
8E4DB6



**Protanomaly**  
4F5EC7



**Deuteranomaly**  
5A60B2



**Tritanomaly**  
865A85

# Monochromacy



**Original Color**  
8E4DB6



**Achromatopsia**  
6C6C6C



**Achromatomaly**  
786187

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8E4DB6 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 #8E4DB6 looks like.

```
.text, #text, p{  
    color:#8E4DB6  
}
```

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 #8E4DB6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8E4DB6  
}
```

## Border

The CSS property to change the border of an element to Hex 8E4DB6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

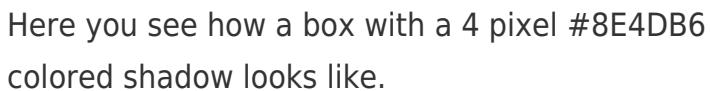
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#8E4DB6 }
```

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

```
.border{ border-color:#8E4DB6 }
```

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



Here you see how a box with a 4 pixel #8E4DB6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8E4DB6; -webkit-box-shadow:4px 4px  
4px 4px #8E4DB6; box-shadow:4px 4px 4px  
4px #8E4DB6 }
```

# Background

The CSS property to change the background color of an element to Hex 8E4DB6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8E4DB6 }
```

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

```
.background{ background-color:#8E4DB6 }
```

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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