

# Converting Colors

Hex(8E72D6)

Have a look what the booklet for  
Hex(8E72D6) contains.

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# Color

Hex(8E72D6)

# Conversions

## Conversions Part 1

Format	Color
Hex	8E72D6
RGB	142, 114, 214
RGB Percent	56%, 45%, 84%
CMY	0.4431, 0.5529, 0.1608
CMYK	0.34, 0.47, 0.00, 0.16
HSL	257°, 55%, 64%
HSV	257°, 47%, 84%
XYZ	29.3102, 22.6405, 66.4436
YIQ	133.7720, -15.4120, 37.0360

# Conversions

## Conversions Part 2

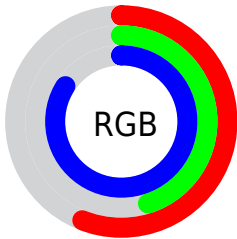
Format	Color
<a href="#">RYB</a>	<a href="#">142, 114, 214</a>
Decimal	<a href="#">9335510</a>
CIELab	<a href="#">54.70, 33.06, -47.74</a>
CIELCh	<a href="#">55, 58.073, 304.702</a>
Yxy	<a href="#">22.6405, 0.2476, 0.1912</a>
Android (android.graphics.Color)	<a href="#">4287525590 (0xFF8E72D6)</a>
YUV	<a href="#">133.7720, 39.5524, 7.2160</a>
Hunter-Lab	<a href="#">47.5820, 26.6866, -49.4853</a>

# Details

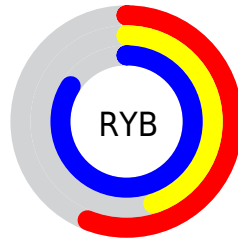
The Hex color **8E72D6** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **BAD672**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **C6A6FF**, and **58419F** is the 20% darker color. If you saturate the color by 10%, you get **7F5DD6**, and if you desaturate by 10%, it is **9D87D6**.

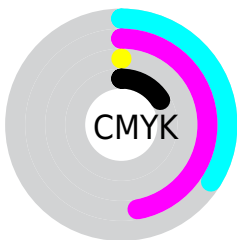
# Distribution



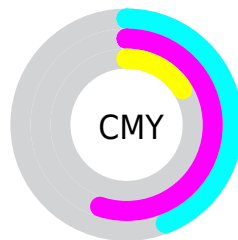
- Red (56%)
- Green (45%)
- Blue (84%)



- Red (56%)
- Yellow (45%)
- Blue (84%)



- Cyan (34%)
- Magenta (47%)
- Yellow (0%)
- Black (16%)



- Cyan (44%)
- Magenta (55%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8E72D6 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 8E72D6 by changing the saturation by 10% instead.



 8E72D6

 8E72D6

FFFFFF

 7359BA

 C6A6FF

 58419F

 E3C2FF

 3C2A84

 FFDEFF

 1F146A

 FFFAFF

 000051

 00003A

 000223

 00000A

 000000

 8E72D6

 8E72D6

 7F5DD6

 9D87D6

 6F47D6

 AD9DD6

 6032D6

 BCB2D6

 501CD6

 CCC8D6

 4107D6

 DBDDD6

 3C00D6

 EAF2D6

 FAFFD6

 FFFFD6

# Harmonies

## Analogous

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



0086E7



8E72D6



C55CAF

# Triad

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



8E72D6



BD7023



009A8A

# Complementary

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



8E72D6



BAD672

# 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.



009756



8E72D6



95830A

# Square

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



8E72D6



D85C4C



619028



0099BB

# Rectangle

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



8E72D6



D8528E



619028



009A78



# Sweetspot

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



8E72D6



E5DBFF



72BBD6



706A80



000000



808080



# Same Dimension

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



8E72D6



9870FF



BF72D6



63606B



3000AB



0C002B



# Inverse Universe

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



D672BA



FF70D7



89D672



6B6068



AB007B

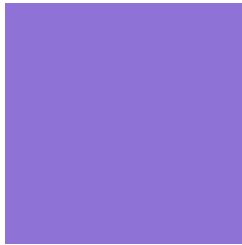


2B001F



# Previews

## White Background



This preview shows how the Hex color 8E72D6 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 8E72D6 Background



This preview shows how black text looks on a background with the Hex color 8E72D6.

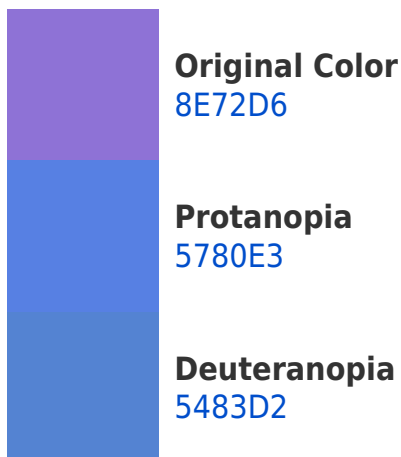



This preview shows how white text looks on a background with the Hex color 8E72D6.

# 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**  
7F838D

# Trichromacy



**Original Color**  
8E72D6

**Protanomaly**  
6B7BDE

**Deuteranomaly**  
697DD3

**Tritanomaly**  
847DA8

# Monochromacy



**Original Color**  
8E72D6

**Achromatopsia**  
868686

**Achromatomaly**  
897FA3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8E72D6 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 #8E72D6 looks like.

```
.text, #text, p{  
    color:#8E72D6  
}
```

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 #8E72D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8E72D6
}
```

## Border

The CSS property to change the border of an element to Hex 8E72D6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

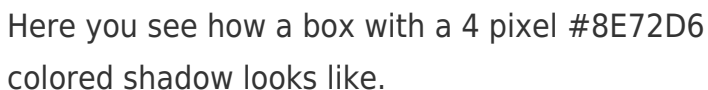
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8E72D6 }
```

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

```
.border{ border-color:#8E72D6 }
```

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



Here you see how a box with a 4 pixel #8E72D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8E72D6; -webkit-box-shadow:4px 4px  
4px 4px #8E72D6; box-shadow:4px 4px 4px  
4px #8E72D6 }
```

# Background

The CSS property to change the background color of an element to Hex 8E72D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8E72D6 }
```

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

```
.background{ background-color:#8E72D6 }
```

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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