

# Converting Colors

Hex(8E86D6)

Have a look what the booklet for  
Hex(8E86D6) contains.

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# Color

**Hex(8E86D6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8E86D6
RGB	142, 134, 214
RGB Percent	56%, 53%, 84%
CMY	0.4431, 0.4745, 0.1608
CMYK	0.34, 0.37, 0.00, 0.16
HSL	246°, 49%, 68%
HSV	246°, 37%, 84%
XYZ	31.8180, 27.6560, 67.2795
YIQ	145.5120, -20.9120, 26.5760

# Conversions

## Conversions Part 2

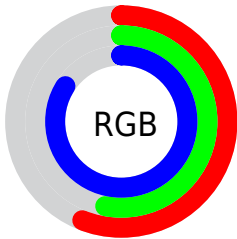
Format	Color
<a href="#">RYB</a>	<a href="#">142, 134, 214</a>
Decimal	<a href="#">9340630</a>
CIELab	<a href="#">59.58, 21.41, -40.04</a>
CIELCh	<a href="#">60, 45.409, 298.136</a>
Yxy	<a href="#">27.6560, 0.2510, 0.2182</a>
Android (android.graphics.Color)	<a href="#">4287530710 (0xFF8E86D6)</a>
YUV	<a href="#">145.5120, 33.7646, -3.0800</a>
Hunter-Lab	<a href="#">52.5890, 15.9675, -39.0401</a>

# Details

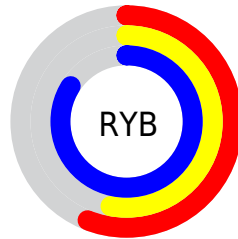
The Hex color **8E86D6** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **CED686**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **C6BBFF**, and **58549F** is the 20% darker color. If you saturate the color by 10%, you get **7B71D6**, and if you desaturate by 10%, it is **A19BD6**.

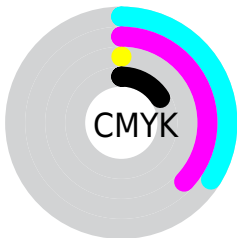
# Distribution



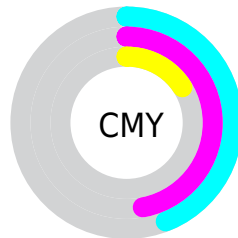
- Red (56%)
- Green (53%)
- Blue (84%)



- Red (56%)
- Yellow (53%)
- Blue (84%)



- Cyan (34%)
- Magenta (37%)
- Yellow (0%)
- Black (16%)



- Cyan (44%)
- Magenta (47%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8E86D6 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 8E86D6 by changing the saturation by 10% instead.



8E86D6

8E86D6

FFFFFF

736DBA

C6BBFF

58549F

E2D7FF

3E3D84

FFF3FF

23276B

001352

00003B

000224

00000C

000000

 8E86D6

 8E86D6

 7B71D6

 A19BD6

 675BD6

 B5B1D6

 5446D6

 C8C6D6

 4130D6

 DBDCD6

 2E1BD6

 EEF1D6

 1A06D6

 FFFFD6

 1500D6

# Harmonies

## Analogous

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



3D94DF



8E86D6



BE77BA

# Triad

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



8E86D6



C87E4C



00A38C

# Complementary

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



8E86D6



CED686

# 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.



4EA064



8E86D6



A98C3D

# Square

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



8E86D6



D9716C



819846



00A3B4

# Rectangle

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



8E86D6



D16FA1



819846



0BA37E



# Sweetspot

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



8E86D6



E6E3FF



86CED6



716F80



000000



808080



# Same Dimension

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



8E86D6



988CFF



B686D6



61606B



1100AB



04002B



# Inverse Universe

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



D686CE



FF8CF4



A6D686



6B606A



AB009A

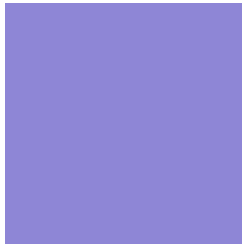


2B0027



# Previews

## White Background



This preview shows how the Hex color 8E86D6 looks on a white background.

## Color Contrast Check

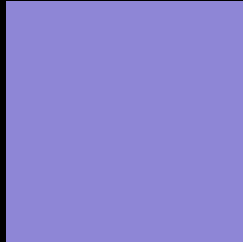
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 8E86D6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

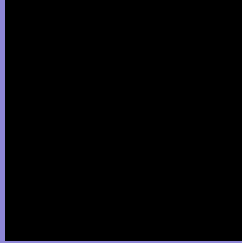
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8E86D6 Background



This preview shows how black text looks on a background with the Hex color 8E86D6.

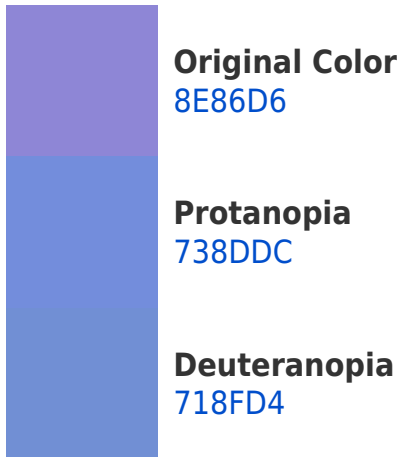


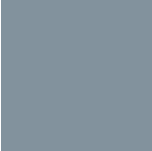
This preview shows how white text looks on a background with the Hex color 8E86D6.

# 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](#).

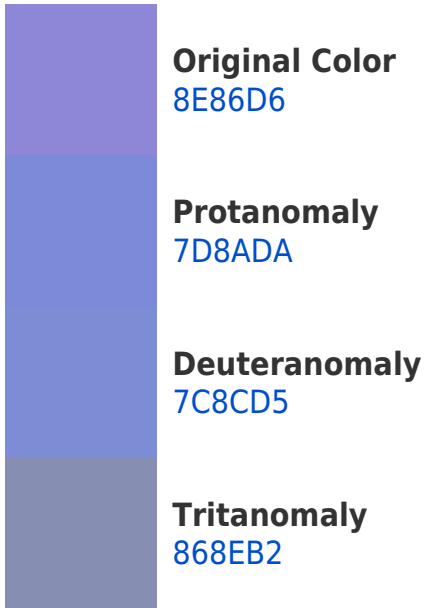
## Dichromacy



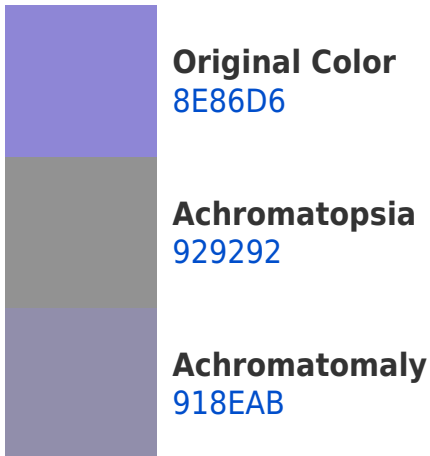


**Tritanopia**  
82929D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8E86D6 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 #8E86D6 looks like.

```
.text, #text, p{  
    color:#8E86D6  
}
```

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 #8E86D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8E86D6
}
```

## Border

The CSS property to change the border of an element to Hex 8E86D6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

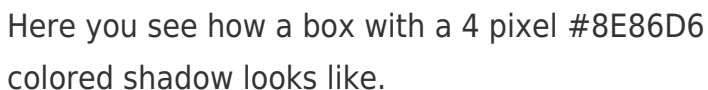
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8E86D6 }
```

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

```
.border{ border-color:#8E86D6 }
```

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



Here you see how a box with a 4 pixel #8E86D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8E86D6; -webkit-box-shadow:4px 4px  
4px 4px #8E86D6; box-shadow:4px 4px 4px  
4px #8E86D6 }
```

# Background

The CSS property to change the background color of an element to Hex 8E86D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8E86D6 }
```

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

```
.background{ background-color:#8E86D6 }
```

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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