

# Converting Colors

Hex(8E85A5)

Have a look what the booklet for  
Hex(8E85A5) contains.

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# Color

Hex(8E85A5)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8E85A5
RGB	142, 133, 165
RGB Percent	56%, 52%, 65%
CMY	0.4431, 0.4784, 0.3529
CMYK	0.14, 0.19, 0.00, 0.35
HSL	257°, 15%, 58%
HSV	257°, 19%, 65%
XYZ	26.3344, 25.2425, 39.0816
YIQ	139.3390, -4.9080, 11.8600

# Conversions

## Conversions Part 2

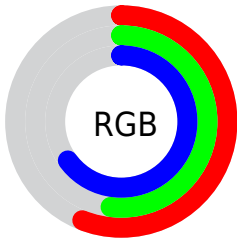
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	142, 133, 165
Decimal	9340325
CIE <sub>Lab</sub>	57.31, 9.97, -15.74
CIE <sub>LCh</sub>	57, 18.627, 302.344
Yxy	25.2425, 0.2905, 0.2784
Android (android.graphics.Color)	4287530405 (0xFF8E85A5)
YUV	139.3390, 12.6509, 2.3337
Hunter-Lab	50.2419, 5.6379, -10.9506

# Details

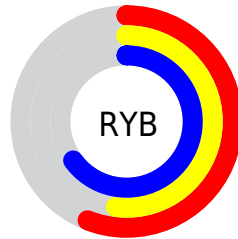
The Hex color **8E85A5** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **9CA585**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **C4BADC**, and **5B5471** is the 20% darker color. If you saturate the color by 10%, you get **8274A5**, and if you desaturate by 10%, it is **9A95A5**.

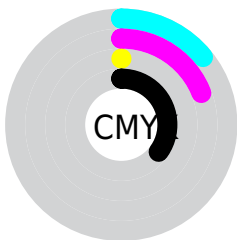
# Distribution



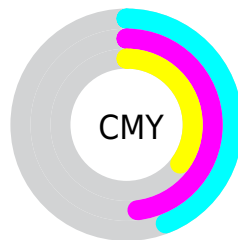
- Red (56%)
- Green (52%)
- Blue (65%)



- Red (56%)
- Yellow (52%)
- Blue (65%)



- Cyan (14%)
- Magenta (19%)
- Yellow (0%)
- Black (35%)



- Cyan (44%)
- Magenta (48%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8E85A5 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 8E85A5 by changing the saturation by 10% instead.





8E85A5



8E85A5

FFFFFF



746C8B



C4BADC



5B5471



E0D6F9



443C59



FDF2FF



2D2741



18122B



000116



000000



8E85A5



8E85A5



8274A5



9A95A5

7664A5

A6A6A5

6A54A5

B2B6A5

5F43A5

BDC7A5

5333A5

C9D8A5

4722A5

D5E8A5

3B12A5

E1F8A5

2F01A5

EDFFA5

2E00A5

F9FFA5

# Harmonies

## Analogous

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



788BAA



8E85A5



A08099

# Triad

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



8E85A5



A3846D



61938A

# Complementary

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



8E85A5



9CA585

# 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.



70917A



8E85A5



958969

# Square

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



8E85A5



AA7F79



838E6E



5C929A

# Rectangle

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



8E85A5



A77E8E



838E6E



669385



# Sweetspot

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



8E85A5



CDC9D6



859CA5



66646B



EBEBEB



6B6B6B



# Same Dimension

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



8E85A5



B3A5D6



9E85A5



4C4952



290091



050012



# Inverse Universe

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



A5859C



D6A5C8



8CA585



52494F



910068



12000D



# Previews

## White Background



This preview shows how the Hex color 8E85A5 looks on a white background.

## Color Contrast Check

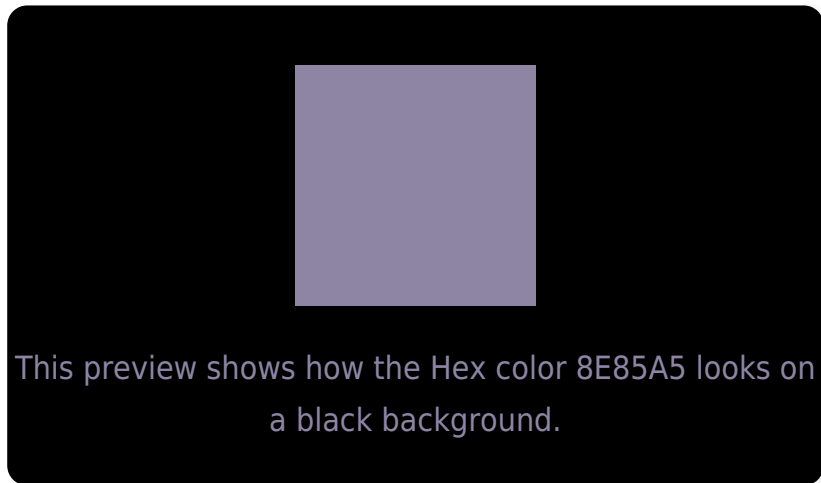
Large Text (above 18pt) WCAG AA ✓ Pass

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 8E85A5 Background



This preview shows how black text looks on a background with the Hex color 8E85A5.



This preview shows how white text looks on a background with the Hex color 8E85A5.

# 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



**Original Color**  
8E85A5

**Protanopia**  
8388A7

**Deuteranopia**  
8A86A5



**Tritanopia**  
8B8893

# Trichromacy



**Original Color**  
8E85A5

**Protanomaly**  
8787A6

**Deuteranomaly**  
8B86A5

**Tritanomaly**  
8C879A

# Monochromacy



**Original Color**  
8E85A5

**Achromatopsia**  
8B8B8B

**Achromatomaly**  
8C8994

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8E85A5 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 #8E85A5 looks like.

```
.text, #text, p{  
    color:#8E85A5  
}
```

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 #8E85A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8E85A5
}
```

## Border

The CSS property to change the border of an element to Hex 8E85A5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

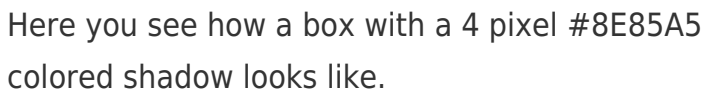
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8E85A5 }
```

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

```
.border{ border-color:#8E85A5 }
```

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



Here you see how a box with a 4 pixel #8E85A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8E85A5; -webkit-box-shadow:4px 4px  
4px 4px #8E85A5; box-shadow:4px 4px 4px  
4px #8E85A5 }
```

# Background

The CSS property to change the background color of an element to Hex 8E85A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8E85A5 }
```

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

```
.background{ background-color:#8E85A5 }
```

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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