

# Converting Colors

Hex(887EB4)

Have a look what the booklet for  
Hex(887EB4) contains.

<b>Hex(887EB4)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(887EB4)

# Conversions

## Conversions Part 1

Format	Color
Hex	887EB4
RGB	136, 126, 180
RGB Percent	53%, 49%, 71%
CMY	0.4667, 0.5059, 0.2941
CMYK	0.24, 0.30, 0.00, 0.29
HSL	251°, 26%, 60%
HSV	251°, 30%, 71%
XYZ	25.8524, 23.4512, 46.3440
YIQ	135.1460, -11.3740, 18.9140

# Conversions

## Conversions Part 2

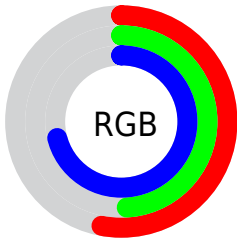
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	136, 126, 180
Decimal	8945332
CIE <sub>Lab</sub>	55.53, 15.62, -27.11
CIE <sub>LCh</sub>	56, 31.289, 299.955
Yxy	23.4512, 0.2703, 0.2452
Android (android.graphics.Color)	4287135412 (0xFF887EB4)
YUV	135.1460, 22.1130, 0.7490
Hunter-Lab	48.4265, 10.5457, -22.8418

# Details

The Hex color **887EB4** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **AAB47E**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **BEB3EC**, and **554D7F** is the 20% darker color. If you saturate the color by 10%, you get **796CB4**, and if you desaturate by 10%, it is **9790B4**.

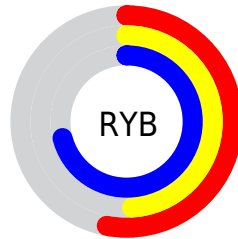
# Distribution



Red (53%)

Green (49%)

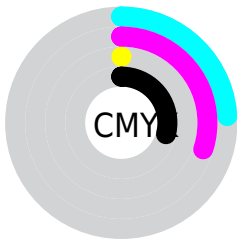
Blue (71%)



Red (53%)

Yellow (49%)

Blue (71%)

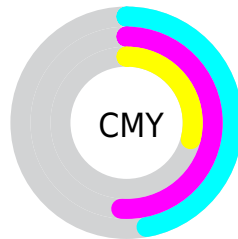


Cyan (24%)

Magenta (30%)

Yellow (0%)

Black (29%)



Cyan (47%)

Magenta (51%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 887EB4 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 887EB4 by changing the saturation by 10% instead.





887EB4



887EB4

FFFFFF



6E6599



BEB3EC



554D7F



DACEFF



3C3666



F7EAFF



25214D



0D0C36



000221



000005



000000



887EB4



887EB4

796CB4

9790B4

6B5AB4

A5A2B4

5C48B4

B4B4B4

4D36B4

C3C6B4

3F24B4

D1D8B4

3012B4

E0EAB4

2100B4

EFFCB4

FDFFB4

FFFFB4

# Harmonies

## Analogous

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



5E88BB



887EB4



A775A1

# Triad

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



887EB4



AD7A57



369384

# Complementary

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



887EB4



AAB47E

# 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.



5A9169



887EB4



97834E

# Square

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



887EB4



B9726B



7B8B55



11939F

# Rectangle

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



887EB4



B4718F



7B8B55



42937B



# Sweetspot

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



887EB4



D9D5EB



7EAAB4



6B6875



F5F5F5



757575



# Same Dimension

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



887EB4



A696EB



A37EB4



525059



1C0099



05001A



# Inverse Universe

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



B47EAA



EB96DB



8FB47E



595058



99007D



1A0015



# Previews

## White Background



This preview shows how the Hex color 887EB4 looks on a white background.

## Color Contrast Check

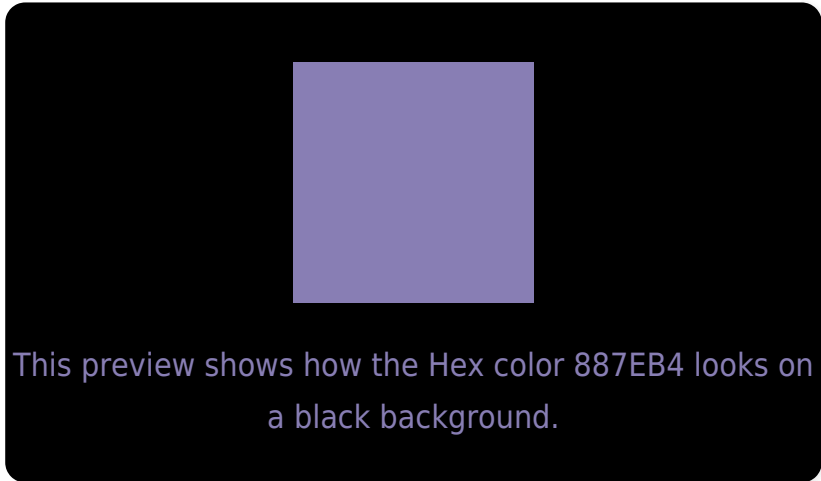
Large Text (above 18pt) WCAG AA ✓ Pass

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

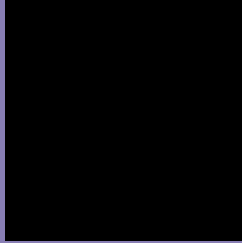
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 887EB4 Background



This preview shows how black text looks on a background with the Hex color 887EB4.



This preview shows how white text looks on a background with the Hex color 887EB4.

# 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](#).

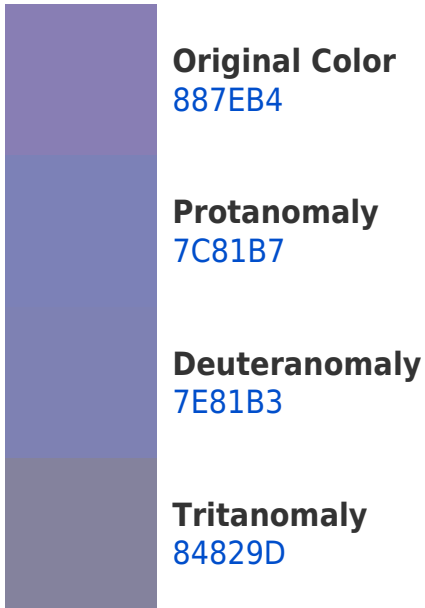
## Dichromacy





**Tritanopia**  
818590

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 887EB4 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 #887EB4 looks like.

```
.text, #text, p{  
    color:#887EB4  
}
```

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 #887EB4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #887EB4
}
```

## Border

The CSS property to change the border of an element to Hex 887EB4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

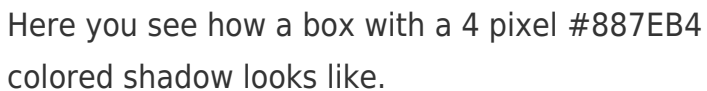
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#887EB4 }
```

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

```
.border{ border-color:#887EB4 }
```

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



Here you see how a box with a 4 pixel #887EB4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #887EB4; -webkit-box-shadow:4px 4px  
4px 4px #887EB4; box-shadow:4px 4px 4px  
4px #887EB4 }
```

# Background

The CSS property to change the background color of an element to Hex 887EB4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#887EB4 }
```

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

```
.background{ background-color:#887EB4 }
```

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