

# Converting Colors

Hex(887CB1)

Have a look what the booklet for  
Hex(887CB1) contains.

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# Color

**Hex(887CB1)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	887CB1
RGB	136, 124, 177
RGB Percent	53%, 49%, 69%
CMY	0.4667, 0.5137, 0.3059
CMYK	0.23, 0.30, 0.00, 0.31
HSL	254°, 25%, 59%
HSV	254°, 30%, 69%
XYZ	25.2968, 22.8239, 44.6671
YIQ	133.6300, -9.8610, 19.0270

# Conversions

## Conversions Part 2

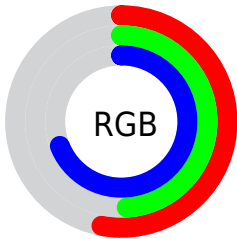
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	136, 124, 177
Decimal	8944817
CIE Lab	54.89, 16.06, -26.38
CIE LCh	55, 30.886, 301.330
Yxy	22.8239, 0.2726, 0.2460
Android (android.graphics.Color)	4287134897 (0xFF887CB1)
YUV	133.6300, 21.3814, 2.0785
Hunter-Lab	47.7743, 10.9118, -21.9918

# Details

The Hex color **887CB1** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A5B17C**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **BEB1E9**, and **554B7C** is the 20% darker color. If you saturate the color by 10%, you get **7A6AB1**, and if you desaturate by 10%, it is **968EB1**.

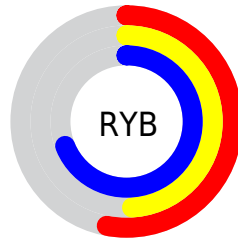
# Distribution



Red (53%)

Green (49%)

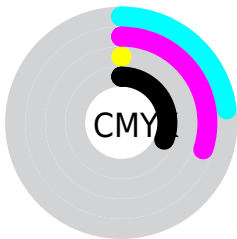
Blue (69%)



Red (53%)

Yellow (49%)

Blue (69%)

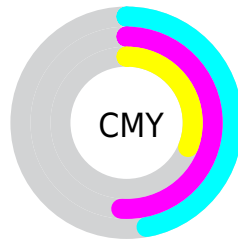


Cyan (23%)

Magenta (30%)

Yellow (0%)

Black (31%)



Cyan (47%)

Magenta (51%)

Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 887CB1 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 887CB1 by changing the saturation by 10% instead.



■ 887CB1

■ 887CB1

FFFFFF

■ 6E6396

■ BEB1E9

■ 554B7C

■ DACCFE

■ 3D3463

■ F7E8FF

■ 251F4B

■ 0F0934

■ 00021E

■ 000001

■ 000000

■ 887CB1

■ 887CB1

7A6AB1

968EB1

6D59B1

A39FB1

5F47B1

B1B1B1

5135B1

BFC3B1

4423B1

CCD4B1

3612B1

DAE6B1

2800B1

E8F8B1

F6FFB1

FFFFB1

# Harmonies

## Analogous

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



5F86B8



887CB1



A6739D

# Triad

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



887CB1



AA7955



349284

# Complementary

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



887CB1



A5B17C

# 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.



588F69



887CB1



94824D

# Square

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



887CB1



B67169



788A55



12919E

# Rectangle

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



887CB1



B26F8C



788A55



40917A



# Sweetspot

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



887CB1



D6D1E6



7CA6B1



696673



F2F2F2



737373



# Same Dimension

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



887CB1



A693E6



A27CB1



525059



230099



06001A



# Inverse Universe

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



B17CA5



E693D3



8BB17C



595057



990076



1A0014



# Previews

## White Background



This preview shows how the Hex color 887CB1 looks on a white background.

## Color Contrast Check

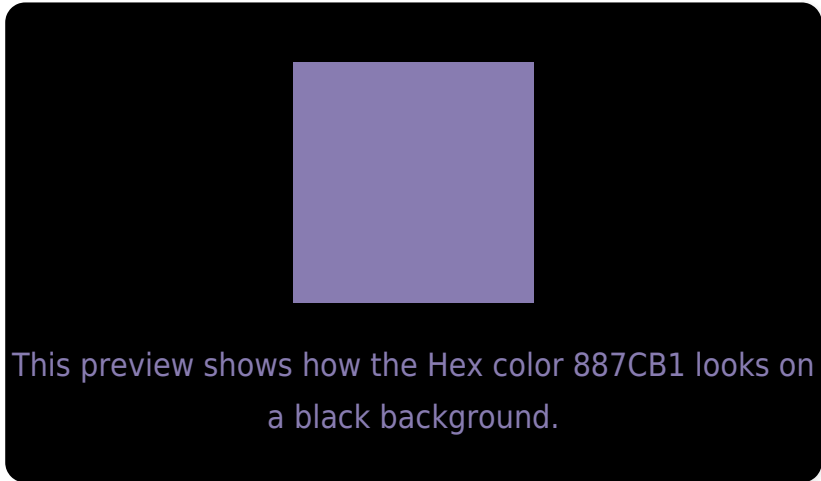
Large Text (above 18pt) WCAG AA ✓ Pass

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 887CB1 Background



This preview shows how black text looks on a background with the Hex color 887CB1.




This preview shows how white text looks on a background with the Hex color 887CB1.

# 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**  
81838D

# Trichromacy



**Original Color**  
887CB1

**Protanomaly**  
7B80B4

**Deuteranomaly**  
7D7FB0

**Tritanomaly**  
84809A

# Monochromacy



**Original Color**  
887CB1

**Achromatopsia**  
868686

**Achromatomaly**  
878296

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 887CB1 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 #887CB1 looks like.

```
.text, #text, p{  
    color:#887CB1  
}
```

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 #887CB1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #887CB1
}
```

## Border

The CSS property to change the border of an element to Hex 887CB1 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
#887CB1 }
```

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

```
.border{ border-color:#887CB1 }
```

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

Here you see how a box with a 4 pixel #887CB1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #887CB1; -webkit-box-shadow:4px 4px  
4px 4px #887CB1; box-shadow:4px 4px 4px  
4px #887CB1 }
```

# Background

The CSS property to change the background color of an element to Hex 887CB1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#887CB1 }
```

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

```
.background{ background-color:#887CB1 }
```

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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