

# Converting Colors

Hex(6B877E)

Have a look what the booklet for  
Hex(6B877E) contains.

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# Color

Hex(6B877E)

# Conversions

## Conversions Part 1

Format	Color
Hex	6B877E
RGB	107, 135, 126
RGB Percent	42%, 53%, 49%
CMY	0.5804, 0.4706, 0.5059
CMYK	0.21, 0.00, 0.07, 0.47
HSL	161°, 12%, 47%
HSV	161°, 21%, 53%
XYZ	18.4933, 21.9601, 23.0027
YIQ	125.6020, -13.7990, -8.7350

# Conversions

## Conversions Part 2

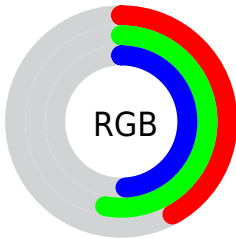
<b>Format</b>	<b>Color</b>
<b>RYB</b>	107, 124, 135
Decimal	7047038
CIELab	53.98, -11.93, 1.55
CIElCh	54, 12.027, 172.608
Yxy	21.9601, 0.2914, 0.3461
Android (android.graphics.Color)	4285237118 (0xFF6B877E)
YUV	125.6020, 0.1962, -16.3140
Hunter-Lab	46.8616, -11.5653, 3.6998

# Details

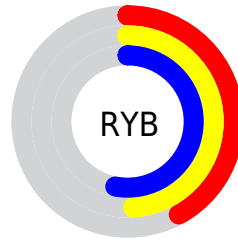
The Hex color **6B877E** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **876B74**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **9FBCB3**, and **3B554D** is the 20% darker color. If you saturate the color by 10%, you get **5E877A**, and if you desaturate by 10%, it is **798782**.

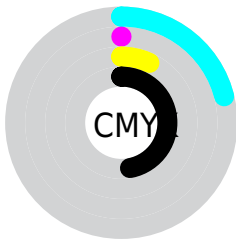
# Distribution



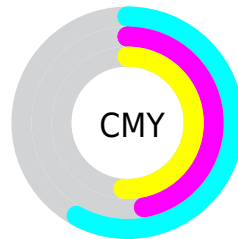
- Red (42%)
- Green (53%)
- Blue (49%)



- Red (42%)
- Yellow (49%)
- Blue (53%)



- Cyan (21%)
- Magenta (0%)
- Yellow (7%)
- Black (47%)



- Cyan (58%)
- Magenta (47%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6B877E 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 6B877E by changing the saturation by 10% instead.



6B877E

6B877E

FFFFFF

526E65

9FBCB3

3B554D

BAD8CE

243E36

D6F5EA

0F2821

F2FFFF

00140A

000000

6B877E

6B877E

5E877A

798782

508775

868787

■ 438771

■ 93878B

■ 35876D

■ A1878F

■ 288768

■ AF8794

■ 1A8764

■ BC8798

■ 0D8760

■ CA879C

■ 00875C

■ D787A1

■ E587A5

# Harmonies

## Analogous

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



758674



6B877E



668789

# Triad

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



6B877E



807F94



947C71

# Complementary

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



6B877E



876B74

# 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.



977A7A



6B877E



8C7C8E

# Square

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



6B877E



738395



957A84



8C7F6D

# Rectangle

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



6B877E



67868F



957A84



967B73



# Sweetspot

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



6B877E



A5B0AD



74876B



535957



D9D9D9



595959



# Same Dimension

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



6B877E



84B0A2



6B8287



3C4240



008258



000302



# Inverse Universe

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



876B74



B08492



87706B



423C3E



82002A



030001



# Previews

## White Background



This preview shows how the Hex color 6B877E 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

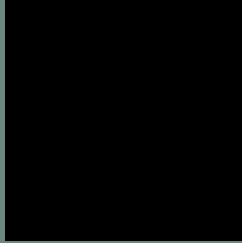
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 6B877E Background



This preview shows how black text looks on a background with the Hex color 6B877E.

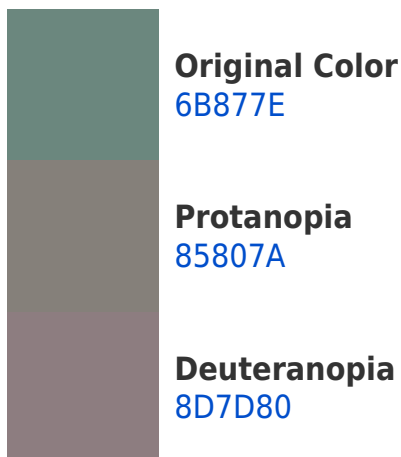



This preview shows how white text looks on a background with the Hex color 6B877E.

# 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**  
6E848F

# Trichromacy



**Original Color**  
6B877E

**Protanomaly**  
7C837B

**Deuteranomaly**  
81817F

**Tritanomaly**  
6D8589

# Monochromacy



**Original Color**  
6B877E

**Achromatopsia**  
7E7E7E

**Achromatomaly**  
77817E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6B877E 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 #6B877E looks like.

```
.text, #text, p{  
    color:#6B877E  
}
```

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 #6B877E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B877E
}
```

## Border

The CSS property to change the border of an element to Hex 6B877E 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
#6B877E }
```

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

```
.border{ border-color:#6B877E }
```

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

Here you see how a box with a 4 pixel #6B877E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B877E; -webkit-box-shadow:4px 4px  
4px 4px #6B877E; box-shadow:4px 4px 4px  
4px #6B877E }
```

# Background

The CSS property to change the background color of an element to Hex 6B877E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B877E }
```

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

```
.background{ background-color:#6B877E }
```

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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