

Converting Colors

Hex(6D837B)

Have a look what the booklet for
Hex(6D837B) contains.

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Color

Hex(6D837B)

Conversions

Conversions Part 1

Format	Color
Hex	6D837B
RGB	109, 131, 123
RGB Percent	43%, 51%, 48%
CMY	0.5725, 0.4863, 0.5176
CMYK	0.17, 0.00, 0.06, 0.49
HSL	158°, 9%, 47%
HSV	158°, 17%, 51%
XYZ	17.9981, 20.9139, 21.8271
YIQ	123.5100, -10.5440, -7.1520

Conversions

Conversions Part 2

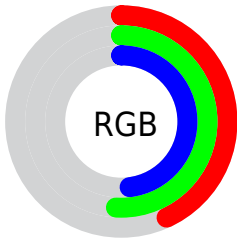
Format	Color
RYB	109, 122, 131
Decimal	7177083
CIELab	52.86, -9.67, 1.66
CIElCh	53, 9.810, 170.230
Yxy	20.9139, 0.2963, 0.3443
Android (android.graphics.Color)	4285367163 (0xFF6D837B)
YUV	123.5100, -0.2514, -12.7253
Hunter-Lab	45.7317, -9.7801, 3.7139

Details

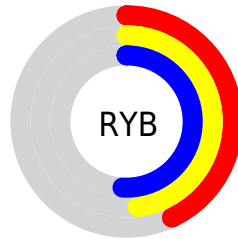
The Hex color **6D837B** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **836D75**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **A1B8AF**, and **3D524A** is the 20% darker color. If you saturate the color by 10%, you get **608376**, and if you desaturate by 10%, it is **7A8380**.

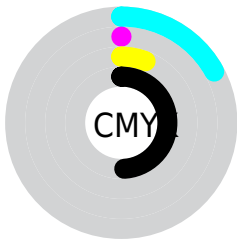
Distribution



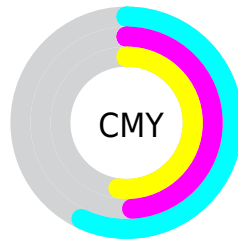
- Red (43%)
- Green (51%)
- Blue (48%)



- Red (43%)
- Yellow (48%)
- Blue (51%)



- Cyan (17%)
- Magenta (0%)
- Yellow (6%)
- Black (49%)



- Cyan (57%)
- Magenta (49%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D837B 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 6D837B by changing the saturation by 10% instead.

 6D837B

 6D837B

FFFFFF

 556A62

 A1B8AF

 3D524A

 BCD4CB

 273B34

 D8F0E7

 12251F

 F4FFFF

 001106

 000000

 6D837B

 6D837B

 608376

 7A8380

 538371

 878385

46836D

948389

398368

A1838E

2B8363

AE8393

1E835E

BC8398

11835A

C9839C

048355

D683A1

008353

E383A6

Harmonies

Analogous

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



758273



6D837B



698384

Triad

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



6D837B



7C7D8E



8E7A72

Complementary

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



6D837B



836D75

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.



907979



6D837B



877A89

Square

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



6D837B



72808F



8E7981



887D6E

Rectangle

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



6D837B



698289



8E7981



8F7974

Sweetspot

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



6D837B



A2ABA8



75836D



515755



D6D6D6



575757

Same Dimension

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



6D837B



89AB9E



6D8083



3C4240



008253



000302

Inverse Universe

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



836D75



AB8995



83706D



423C3E



82002F



030001

Previews

White Background



This preview shows how the Hex color 6D837B looks on a white background.

Color Contrast Check

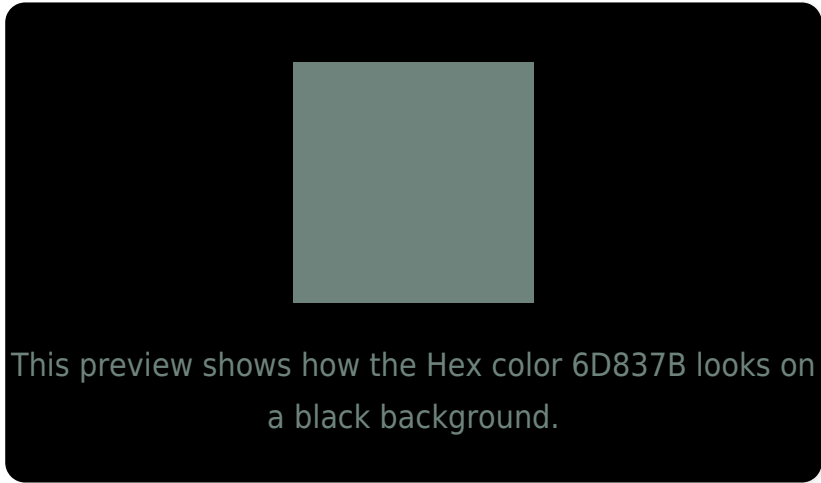
Large Text (above 18pt) WCAG AA ✓ Pass

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

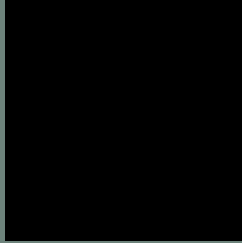
Any Text WCAG AA ✓ Pass

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 6D837B Background



This preview shows how black text looks on a background with the Hex color 6D837B.



This preview shows how white text looks on a background with the Hex color 6D837B.

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
6D837B

Protanopia
827D78

Deuteranopia
8A7A7D



Tritanopia
70818B

Trichromacy



Original Color

6D837B

Protanomaly

7A7F79

Deuteranomaly

7F7D7C

Tritanomaly

6F8285

Monochromacy



Original Color

6D837B

Achromatopsia

7C7C7C

Achromatomaly

777F7C

CSS Examples

Text

The CSS property to change the color of the text to Hex 6D837B 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 #6D837B looks like.

```
.text, #text, p{  
    color:#6D837B  
}
```

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 #6D837B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D837B
}
```

Border

The CSS property to change the border of an element to Hex 6D837B is called "border". The border property can be set on classes, ids or directly on the HTML element.

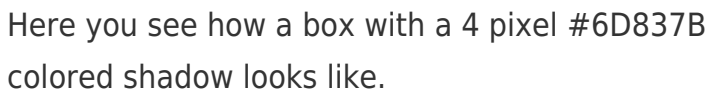
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6D837B }
```

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

```
.border{ border-color:#6D837B }
```

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



Here you see how a box with a 4 pixel #6D837B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D837B; -webkit-box-shadow:4px 4px  
4px 4px #6D837B; box-shadow:4px 4px 4px  
4px #6D837B }
```

Background

The CSS property to change the background color of an element to Hex 6D837B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D837B }
```

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

```
.background{ background-color:#6D837B }
```

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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