

Converting Colors

Hex(68827D)

Have a look what the booklet for
Hex(68827D) contains.

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Color

Hex(68827D)

Conversions

Conversions Part 1

Format	Color
Hex	68827D
RGB	104, 130, 125
RGB Percent	41%, 51%, 49%
CMY	0.5922, 0.4902, 0.5098
CMYK	0.20, 0.00, 0.04, 0.49
HSL	168°, 11%, 46%
HSV	168°, 20%, 51%
XYZ	17.3932, 20.3890, 22.4208
YIQ	121.6560, -13.8910, -7.0670

Conversions

Conversions Part 2

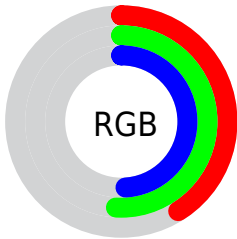
Format	Color
RYB	104, 118, 130
Decimal	6849149
CIELab	52.27, -10.42, -0.39
CIELCh	52, 10.424, 182.137
Yxy	20.3890, 0.2889, 0.3387
Android (android.graphics.Color)	4285039229 (0xFF68827D)
YUV	121.6560, 1.6486, -15.4843
Hunter-Lab	45.1542, -10.2622, 2.1681

Details

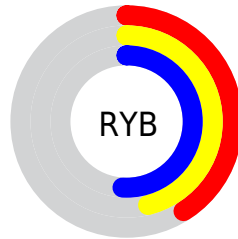
The Hex color **68827D** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **82686D**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **9CB7B2**, and **38514C** is the 20% darker color. If you saturate the color by 10%, you get **5B827B**, and if you desaturate by 10%, it is **758280**.

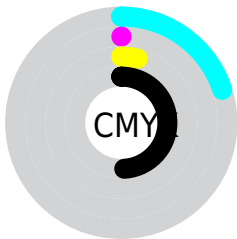
Distribution



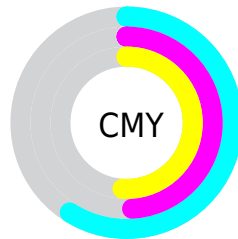
- Red (41%)
- Green (51%)
- Blue (49%)



- Red (41%)
- Yellow (46%)
- Blue (51%)



- Cyan (20%)
- Magenta (0%)
- Yellow (4%)
- Black (49%)



- Cyan (59%)
- Magenta (49%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68827D 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 68827D by changing the saturation by 10% instead.

68827D

68827D

FFFFFF

506964

9CB7B2

38514C

B7D3CD

223A36

D2EFE9

0C2420

FFFFFF

000F09

000000

68827D

68827D

5B827B

758280

4E8278

828282

■ 418276

■ 8F8284

■ 348273

■ 9C8287

■ 278271

■ A9828A

■ 1A826E

■ B6828C

■ 0D826C

■ C3828E

■ 008269

■ D08291

■ DD8293

Harmonies

Analogous

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



6F8174



68827D



668286

Triad

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



68827D



7F7A8C



8B796D

Complementary

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



68827D



82686D

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.



907774



68827D



897885

Square

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



68827D



747D8E



8F777C



837C6B

Rectangle

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



68827D



68818A



8F777C



8D796F

Sweetspot

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



68827D



9EA8A6



6D8268



4E5453



D4D4D4



545454

Same Dimension

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



68827D



80A8A1



687A82



39403F



008067



000000

Inverse Universe

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



82686D



A88088



827068



40393B



800019



000000

Previews

White Background



This preview shows how the Hex color 68827D looks on a white background.

Color Contrast Check

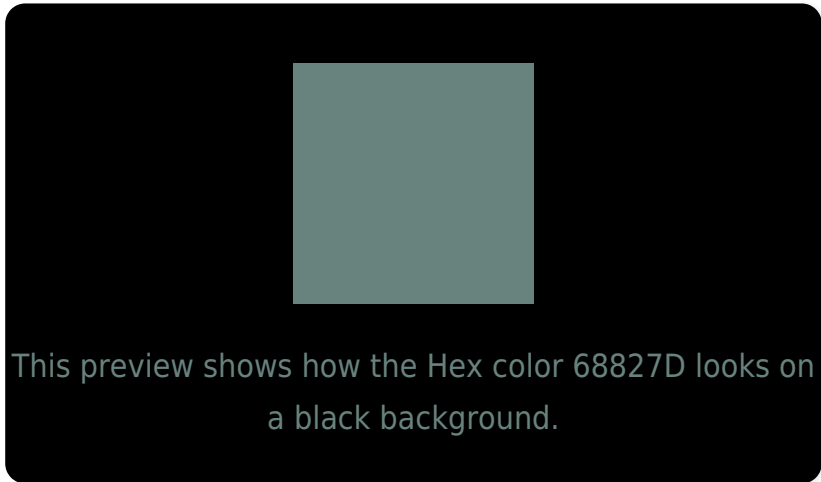
Large Text (above 18pt) WCAG AA ✓ Pass

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

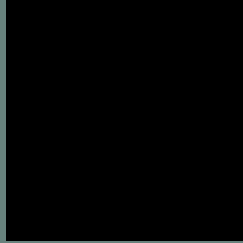
Any Text WCAG AA ✓ Pass

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 68827D Background



This preview shows how black text looks on a background with the Hex color 68827D.



This preview shows how white text looks on a background with the Hex color 68827D.

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
68827D

Protanopia
7F7C79

Deuteranopia
87797F



Tritanopia
6B808A

Trichromacy



Original Color
68827D

Protanomaly
777E7A

Deuteranomaly
7C7C7E

Tritanomaly
6A8185

Monochromacy



Original Color
68827D

Achromatopsia
7A7A7A

Achromatomaly
737D7B

CSS Examples

Text

The CSS property to change the color of the text to Hex 68827D 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 #68827D looks like.

```
.text, #text, p{  
    color:#68827D  
}
```

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 #68827D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68827D
}
```

Border

The CSS property to change the border of an element to Hex 68827D 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".

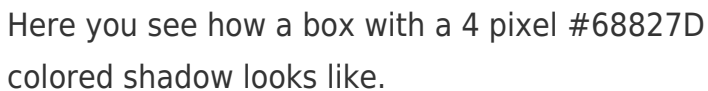
```
.border, #border, table{ border:4px solid
#68827D }
```

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

```
.border{ border-color:#68827D }
```

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

Here you see how a box with a 4 pixel #68827D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68827D; -webkit-box-shadow:4px 4px  
4px 4px #68827D; box-shadow:4px 4px 4px  
4px #68827D }
```

Background

The CSS property to change the background color of an element to Hex 68827D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68827D }
```

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

```
.background{ background-color:#68827D }
```

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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