

Converting Colors

Hex(68997D)

Have a look what the booklet for
Hex(68997D) contains.

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Color

Hex(68997D)

Conversions

Conversions Part 1

Format	Color
Hex	68997D
RGB	104, 153, 125
RGB Percent	41%, 60%, 49%
CMY	0.5922, 0.4000, 0.5098
CMYK	0.32, 0.00, 0.18, 0.40
HSL	146°, 19%, 50%
HSV	146°, 32%, 60%
XYZ	20.8018, 27.2062, 23.5570
YIQ	135.1570, -20.2160, -19.0960

Conversions

Conversions Part 2

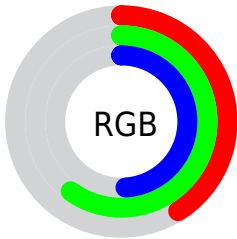
Format	Color
RYB	104, 138, 153
Decimal	6855037
CIELab	59.16, -22.67, 9.53
CIELCh	59, 24.590, 157.199
Yxy	27.2062, 0.2907, 0.3802
Android (android.graphics.Color)	4285045117 (0xFF68997D)
YUV	135.1570, -5.0074, -27.3247
Hunter-Lab	52.1596, -20.0914, 9.7344

Details

The Hex color **68997D** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **996884**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **9CD0B2**, and **36664C** is the 20% darker color. If you saturate the color by 10%, you get **599974**, and if you desaturate by 10%, it is **779986**.

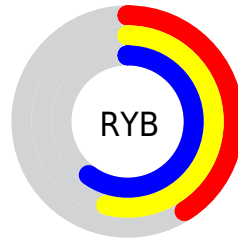
Distribution



Red (41%)

Green (60%)

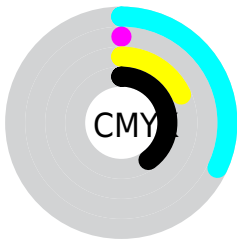
Blue (49%)



Red (41%)

Yellow (54%)

Blue (60%)

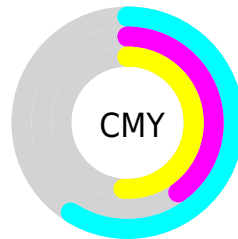


Cyan (32%)

Magenta (0%)

Yellow (18%)

Black (40%)



Cyan (59%)

Magenta (40%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68997D 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 68997D by changing the saturation by 10% instead.



68997D



68997D

FFFFFF



4F7F64



9CD0B2



36664C



B8ECCD



1E4D35



D4FFE9



033620



F0FFFF



002109



000000



68997D



68997D



599974



779986



49996C



87998E

 3A9963

 969997

 2B995A

 A599A0

 1C9951

 B599A9

 0C9949

 C499B1

 009942

 D399BA

 E299C3

 F299CC

Harmonies

Analogous

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



81956C



68997D



539A93

Triad

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



68997D



7A8FB9



B88175

Complementary

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



68997D



996884

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.



B97E8A



68997D



9887B1

Square

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



68997D



5D95B6



AE81A0



AC8767

Rectangle

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



68997D



4C9AA1



AE81A0



BA807C

Sweetspot

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



68997D



B3C7BC



859968



58635D



E3E3E3



636363

Same Dimension

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



68997D



7BC79C



689995



454D48



008C3C



000D05

Inverse Universe

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



996884



C77BA7



99686C



4D4549



8C0050



0D0007

Previews

White Background



This preview shows how the Hex color 68997D looks on a white background.

Color Contrast Check

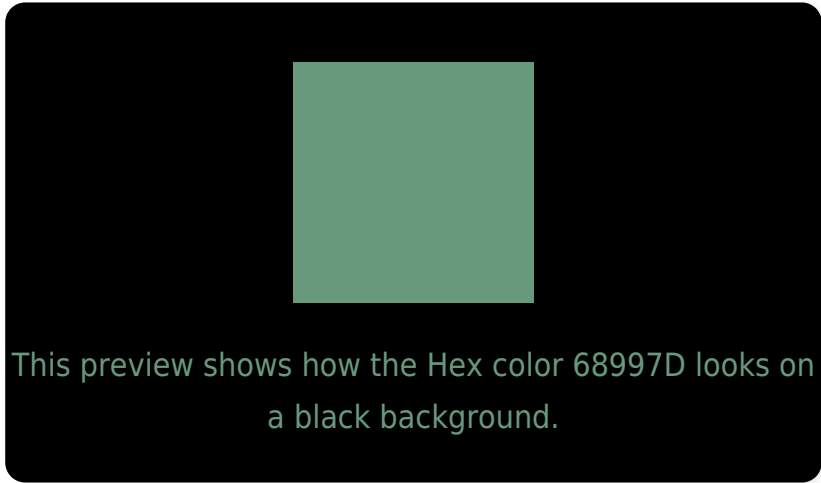
Large Text (above 18pt) WCAG AA ✓ Pass

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

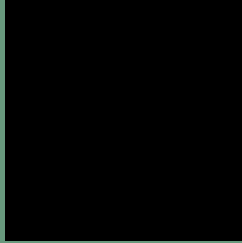
Any Text WCAG AA ✓ Pass

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 68997D Background



This preview shows how black text looks on a background with the Hex color 68997D.

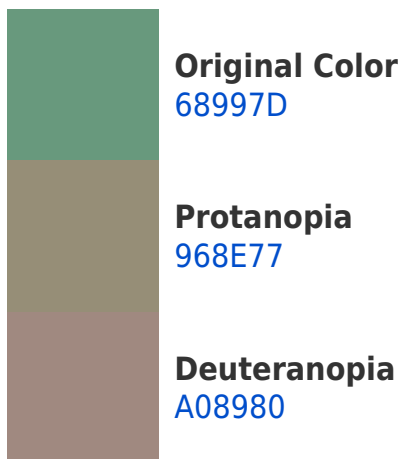


This preview shows how white text looks on a background with the Hex color 68997D.

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](#).

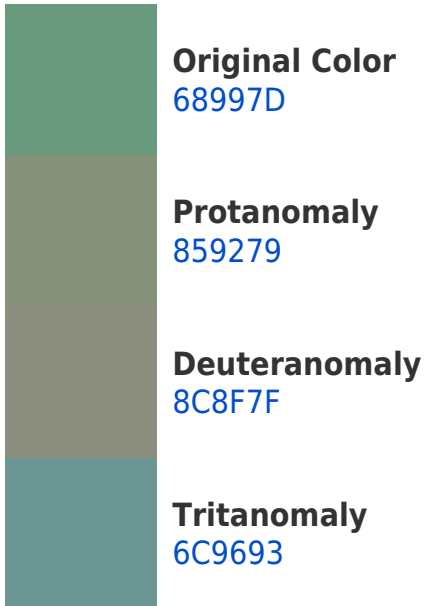
Dichromacy



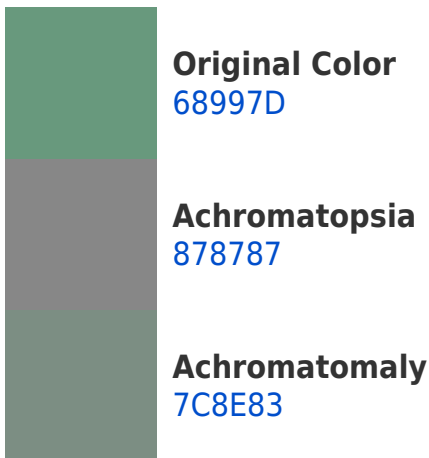


Tritanopia
6F94A0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 68997D 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 #68997D looks like.

```
.text, #text, p{  
    color:#68997D  
}
```

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 #68997D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68997D
}
```

Border

The CSS property to change the border of an element to Hex 68997D 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
#68997D }
```

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

```
.border{ border-color:#68997D }
```

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

Here you see how a box with a 4 pixel #68997D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68997D; -webkit-box-shadow:4px 4px  
4px 4px #68997D; box-shadow:4px 4px 4px  
4px #68997D }
```

Background

The CSS property to change the background color of an element to Hex 68997D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68997D }
```

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

```
.background{ background-color:#68997D }
```

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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