

Converting Colors

Hex(49757D)

Have a look what the booklet for
Hex(49757D) contains.

Hex(49757D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(49757D)

Conversions

Conversions Part 1

Format	Color
Hex	49757D
RGB	73, 117, 125
RGB Percent	29%, 46%, 49%
CMY	0.7137, 0.5412, 0.5098
CMYK	0.42, 0.06, 0.00, 0.51
HSL	189°, 26%, 39%
HSV	189°, 42%, 49%
XYZ	12.8106, 15.6197, 21.7418
YIQ	104.7560, -28.7920, -6.8400

Conversions

Conversions Part 2

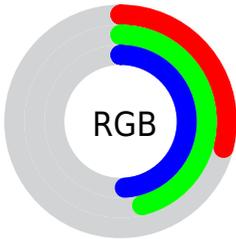
Format	Color
RYB	73, 97, 125
Decimal	4814205
CIELab	46.47, -12.92, -9.19
CIElCh	46, 15.851, 215.429
Yxy	15.6197, 0.2553, 0.3113
Android (android.graphics.Color)	4283004285 (0xFF49757D)
YUV	104.7560, 9.9803, -27.8500
Hunter-Lab	39.5218, -11.3040, -4.9514

Details

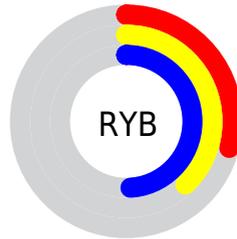
The Hex color **49757D** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7D5149**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **7CA9B2**, and **16454C** is the 20% darker color. If you saturate the color by 10%, you get **3D737D**, and if you desaturate by 10%, it is **56777D**.

Distribution



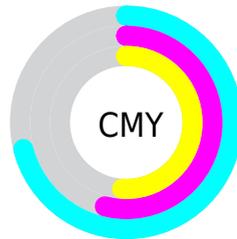
- Red (29%)
- Green (46%)
- Blue (49%)



- Red (29%)
- Yellow (38%)
- Blue (49%)



- Cyan (42%)
- Magenta (6%)
- Yellow (0%)
- Black (51%)



- Cyan (71%)
- Magenta (54%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 49757D 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 49757D by changing the saturation by 10% instead.

■ 49757D

■ 49757D

FFFFFF

■ 305C64

■ 7CA9B2

■ 16454C

■ 97C4CD

■ 002E35

■ B2E0E9

■ 001A20

■ CEFDFE

■ 000008

■ EBFFFF

■ 000000

■ 49757D

■ 49757D

■ 3D737D

■ 56777D

■ 30717D

■ 62797D

■ 246F7D

■ 6E7B7D

■ 176D7D

■ 7B7D7D

■ 0B6B7D

■ 887F7D

■ 006A7D

■ 94817D

■ A1827D

■ AD847D

■ BA867D

Harmonies

Analogous

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



4C7670



49757D



517286

Triad

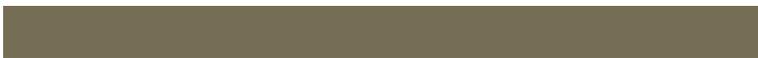
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



49757D



816679



766E54

Complementary

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



49757D



7D5149

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.



826A56



49757D



89656C

Square

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



49757D



736A84



89665F



677258

Rectangle

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



49757D



5C7088



89665F



7A6D54

Sweetspot

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



49757D



90A0A3



497D51



465052



D1D1D1



525252

Same Dimension

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



49757D



5297A3



495B7D



393F40



006C80



000000

Inverse Universe

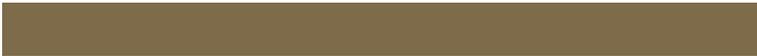
The Inverse Universe completely reimagines the original color for something new.



7D4975



A35297



7D6B49



40393F



80006C



000000

Previews

White Background



This preview shows how the Hex color 49757D looks on a white background.

Color Contrast Check

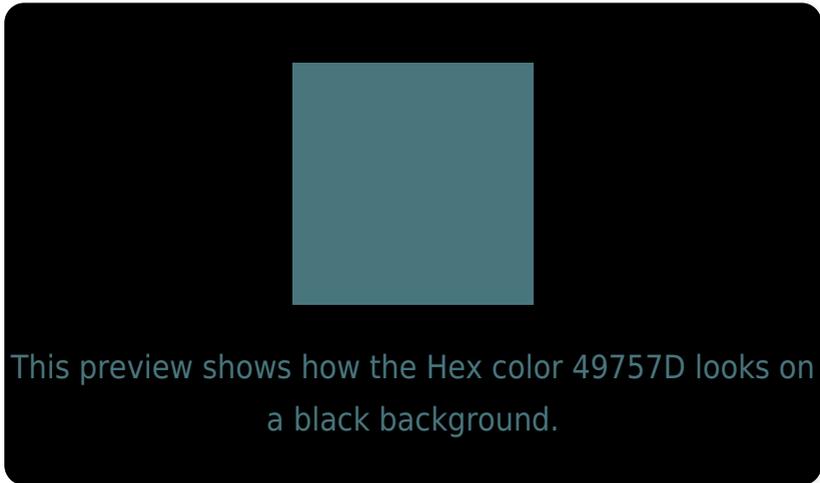
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

Hex 49757D Background



This preview shows how black text looks on a background with the Hex color 49757D.

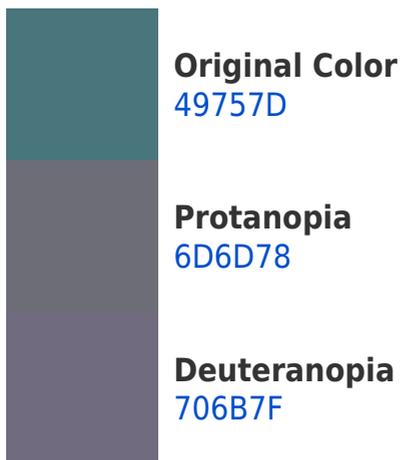


This preview shows how white text looks on a background with the Hex color 49757D.

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
49757E

Trichromacy



Original Color
49757D

Protanomaly
60707A

Deuteranomaly
626F7E

Tritanomaly
49757E

Monochromacy



Original Color
49757D

Achromatopsia
696969

Achromatomaly
5D6D70

CSS Examples

Text

The CSS property to change the color of the text to Hex 49757D 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 #49757D looks like.

```
.text, #text, p{  
    color:#49757D  
}
```

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 #49757D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49757D
}
```

Border

The CSS property to change the border of an element to Hex 49757D 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
#49757D }
```

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

```
.border{ border-color:#49757D }
```

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

Here you see how a box with a 4 pixel #49757D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49757D; -webkit-box-shadow:4px 4px  
4px 4px #49757D; box-shadow:4px 4px 4px  
4px #49757D }
```

Background

The CSS property to change the background color of an element to Hex 49757D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49757D }
```

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

```
.background{ background-color:#49757D }
```

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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