

Converting Colors

Hex(49786B)

Have a look what the booklet for
Hex(49786B) contains.

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Color

Hex(49786B)

Conversions

Conversions Part 1

Format	Color
Hex	49786B
RGB	73, 120, 107
RGB Percent	29%, 47%, 42%
CMY	0.7137, 0.5294, 0.5804
CMYK	0.39, 0.00, 0.11, 0.53
HSL	163°, 24%, 38%
HSV	163°, 39%, 47%
XYZ	12.1180, 15.9109, 16.3424
YIQ	104.4650, -23.8390, -14.0070

Conversions

Conversions Part 2

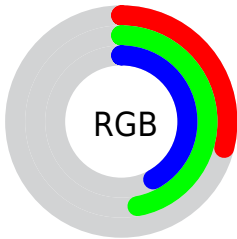
Format	Color
RYB	73, 100, 120
Decimal	4814955
CIELab	46.86, -19.29, 2.09
CIELCh	47, 19.398, 173.822
Yxy	15.9109, 0.2731, 0.3586
Android (android.graphics.Color)	4283005035 (0xFF49786B)
YUV	104.4650, 1.2498, -27.5948
Hunter-Lab	39.8885, -15.5774, 3.6308

Details

The Hex color **49786B** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **784956**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **7CAD9E**, and **18473C** is the 20% darker color. If you saturate the color by 10%, you get **3D7868**, and if you desaturate by 10%, it is **55786E**.

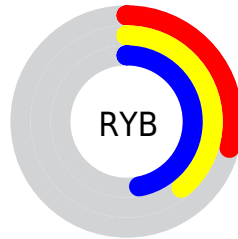
Distribution



Red (29%)

Green (47%)

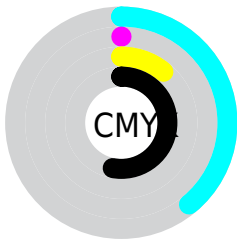
Blue (42%)



Red (29%)

Yellow (39%)

Blue (47%)

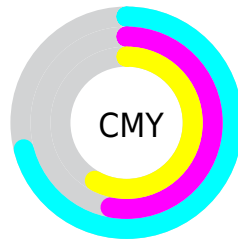


Cyan (39%)

Magenta (0%)

Yellow (11%)

Black (53%)



Cyan (71%)

Magenta (53%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 49786B 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 49786B by changing the saturation by 10% instead.



49786B



49786B

FFFFFF



315F53



7CAD9E



18473C



96C8B9



003026



B1E4D5



001D11



CDFFF1



000000



EAffFF



49786B



49786B



3D7868



55786E



317864



617872

■ 257861

■ 6D7875

■ 19785E

■ 797878

■ 0D785A

■ 85787C

■ 017857

■ 91787F

■ 007857

■ 9D7882

■ A97886

■ B57889

Harmonies

Analogous

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



5B765B



49786B



3E787C

Triad

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



49786B



6D6C8D



8B6855

Complementary

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



49786B



784956

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.



906463



49786B



816782

Square

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



49786B



56728F



8D6373



7E6D4F

Rectangle

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



49786B



407785



8D6373



8D6659

Sweetspot

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



49786B



899C96



567849



444F4C



CFCFCF



4F4F4F

Same Dimension

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



49786B



529C87



496E78



373D3C



007D5A



00FCB7

Inverse Universe

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



784956



9C5267



785349



3D3739



7D0023



FC0046

Previews

White Background



This preview shows how the Hex color 49786B looks on a white background.

Color Contrast Check

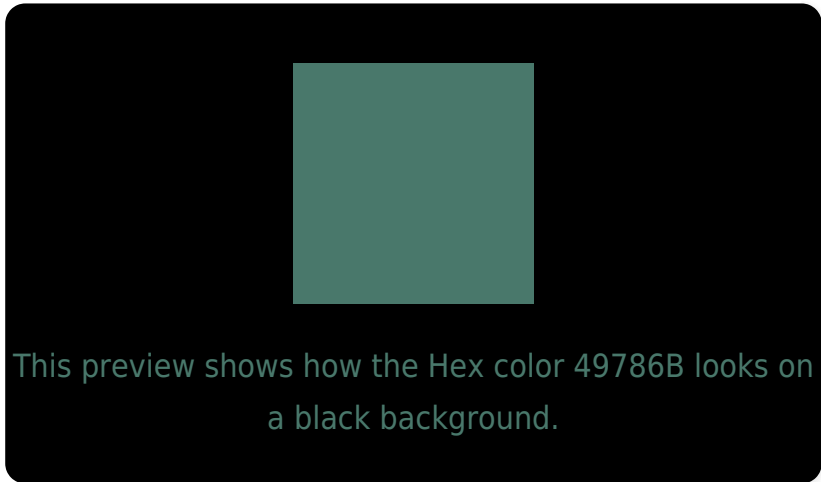
Large Text (above 18pt) WCAG AA ✓ Pass

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

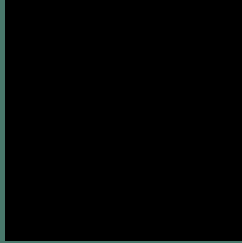
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

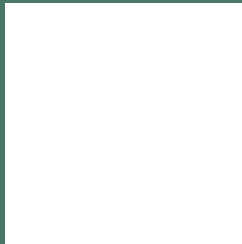
Any Text WCAG AAA × Fail

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

Hex 49786B Background



This preview shows how black text looks on a background with the Hex color 49786B.



This preview shows how white text looks on a background with the Hex color 49786B.

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
49786B

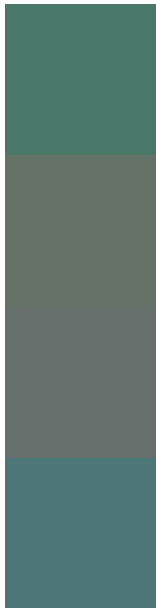
Protanopia
736E66

Deuteranopia
7A6B6E



Tritanopia
4E757F

Trichromacy



Original Color
49786B

Protanomaly
647268

Deuteranomaly
68706D

Tritanomaly
4C7678

Monochromacy



Original Color
49786B

Achromatopsia
686868

Achromatomaly
5D6E69

CSS Examples

Text

The CSS property to change the color of the text to Hex 49786B 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 #49786B looks like.

```
.text, #text, p{  
    color:#49786B  
}
```

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 #49786B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49786B
}
```

Border

The CSS property to change the border of an element to Hex 49786B 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".

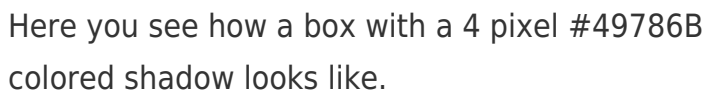
```
.border, #border, table{ border:4px solid
#49786B }
```

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

```
.border{ border-color:#49786B }
```

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

Here you see how a box with a 4 pixel #49786B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49786B; -webkit-box-shadow:4px 4px  
4px 4px #49786B; box-shadow:4px 4px 4px  
4px #49786B }
```

Background

The CSS property to change the background color of an element to Hex 49786B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49786B }
```

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

```
.background{ background-color:#49786B }
```

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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