

Converting Colors

Hex(49766A)

Have a look what the booklet for
Hex(49766A) contains.

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Color

Hex(49766A)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 49766A |
| RGB | 73, 118, 106 |
| RGB Percent | 29%, 46%, 42% |
| CMY | 0.7137, 0.5373, 0.5843 |
| CMYK | 0.38, 0.00, 0.10, 0.54 |
| HSL | 164°, 24%, 37% |
| HSV | 164°, 38%, 46% |
| XYZ | 11.8276, 15.4139, 15.9875 |
| YIQ | 103.1770, -22.9680, -13.2720 |

Conversions

Conversions Part 2

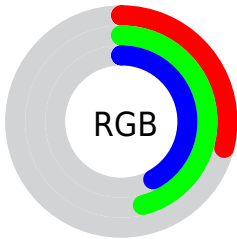
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 73, 99, 118 |
| Decimal | 4814442 |
| CIE _{Lab} | 46.20, -18.46, 1.72 |
| CIE _{LCh} | 46, 18.541, 174.670 |
| Yxy | 15.4139, 0.2736, 0.3566 |
| Android (android.graphics.Color) | 4283004522 (0xFF49766A) |
| YUV | 103.1770, 1.3917, -26.4652 |
| Hunter-Lab | 39.2606, -14.9313, 3.3387 |

Details

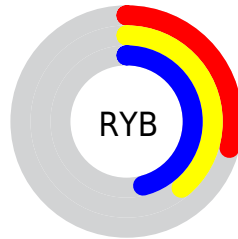
The Hex color **49766A** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **764955**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **7CAA9D**, and **18453B** is the 20% darker color. If you saturate the color by 10%, you get **3D7667**, and if you desaturate by 10%, it is **55766D**.

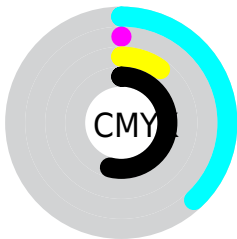
Distribution



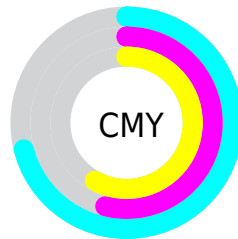
- Red (29%)
- Green (46%)
- Blue (42%)



- Red (29%)
- Yellow (39%)
- Blue (46%)



- Cyan (38%)
- Magenta (0%)
- Yellow (10%)
- Black (54%)



- Cyan (71%)
- Magenta (54%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 49766A 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 49766A by changing the saturation by 10% instead.



49766A



49766A

FFFFFF



315D52



7CAA9D



18453B



96C6B8



002F25



B1E2D4



001B10



CDFFF0



000000



EAFFFF



49766A



49766A



3D7667



55766D



317664



617670

■ 267661

■ 6C7673

■ 1A765D

■ 787677

■ 0E765A

■ 84767A

■ 027657

■ 90767D

■ 007657

■ 9C7680

■ A77683

■ B37686

Harmonies

Analogous

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



59745B



49766A



40767A

Triad

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



49766A



6C6A8A



876655

Complementary

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



49766A



764955

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.



8D6361



49766A



7F6580

Square

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



49766A



56708C



8A6271



7B6B4F

Rectangle

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



49766A



417583



8A6271



8A6558

Sweetspot

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



49766A



889995



557649



434D4A



CCCCCC



4D4D4D

Same Dimension

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



49766A



539986



496C76



353B39



007A5A



00FAB7

Inverse Universe

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



764955



995365



765349



3B3536



7A0021



FA0043

Previews

White Background



This preview shows how the Hex color 49766A looks on a white background.

Color Contrast Check

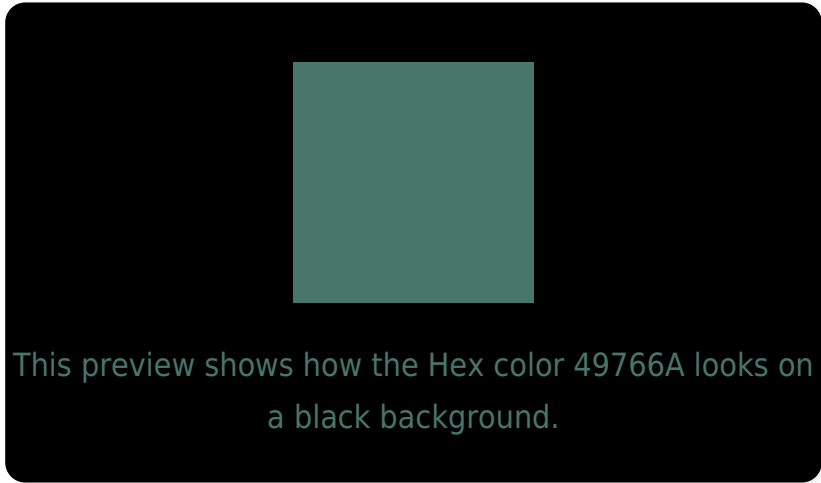
Large Text (above 18pt) WCAG AA ✓ Pass

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

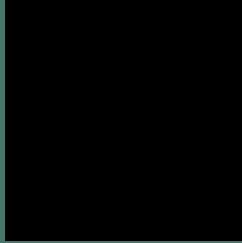
Any Text WCAG AA × Fail

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 49766A Background



This preview shows how black text looks on a background with the Hex color 49766A.

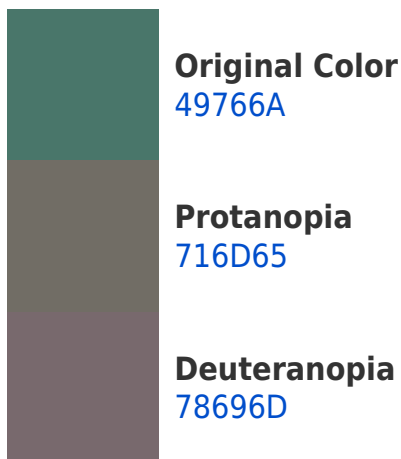


This preview shows how white text looks on a background with the Hex color 49766A.

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](#).

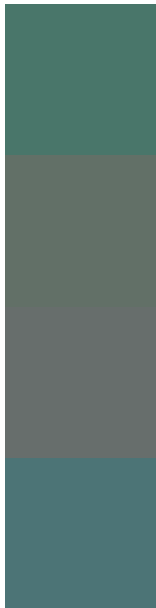
Dichromacy





Tritanopia
4E737D

Trichromacy



Original Color
49766A

Protanomaly
627067

Deuteranomaly
676E6C

Tritanomaly
4C7476

Monochromacy



Original Color
49766A

Achromatopsia
676767

Achromatomaly
5C6C68

CSS Examples

Text

The CSS property to change the color of the text to Hex 49766A 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 #49766A looks like.

```
.text, #text, p{  
    color:#49766A  
}
```

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 #49766A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49766A
}
```

Border

The CSS property to change the border of an element to Hex 49766A 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
#49766A }
```

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

```
.border{ border-color:#49766A }
```

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

Here you see how a box with a 4 pixel #49766A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49766A; -webkit-box-shadow:4px 4px  
4px 4px #49766A; box-shadow:4px 4px 4px  
4px #49766A }
```

Background

The CSS property to change the background color of an element to Hex 49766A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49766A }
```

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

```
.background{ background-color:#49766A }
```

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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