

# Converting Colors

Hex(3D706A)

Have a look what the booklet for  
Hex(3D706A) contains.

<b>Hex(3D706A)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(3D706A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3D706A
RGB	61, 112, 106
RGB Percent	24%, 44%, 42%
CMY	0.7608, 0.5608, 0.5843
CMYK	0.46, 0.00, 0.05, 0.56
HSL	173°, 29%, 34%
HSV	173°, 46%, 44%
XYZ	10.3202, 13.6210, 15.7209
YIQ	96.0670, -28.4700, -12.6780

# Conversions

## Conversions Part 2

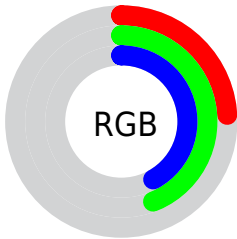
<b>Format</b>	<b>Color</b>
<b>RYB</b>	61, 88, 112
Decimal	4026474
CIELab	43.68, -18.73, -2.02
CIELCh	44, 18.834, 186.152
Yxy	13.6210, 0.2602, 0.3434
Android (android.graphics.Color)	4282216554 (0xFF3D706A)
YUV	96.0670, 4.8970, -30.7538
Hunter-Lab	36.9067, -14.6731, 0.5794

# Details

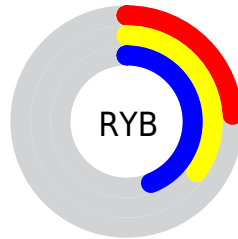
The Hex color **3D706A** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **703D43**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **70A49D**, and **06403B** is the 20% darker color. If you saturate the color by 10%, you get **327069**, and if you desaturate by 10%, it is **48706B**.

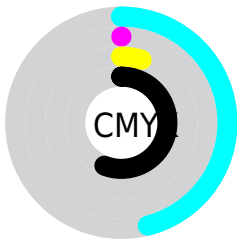
# Distribution



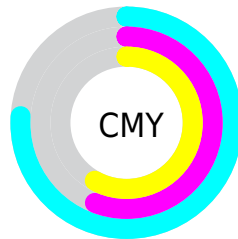
- Red (24%)
- Green (44%)
- Blue (42%)



- Red (24%)
- Yellow (35%)
- Blue (44%)



- Cyan (46%)
- Magenta (0%)
- Yellow (5%)
- Black (56%)



- Cyan (76%)
- Magenta (56%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3D706A 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 3D706A by changing the saturation by 10% instead.





3D706A



3D706A

FFFFFF



245752



70A49D



06403B



8ABFB8



002A25



A5DBD4



001610



C1F8F0



000000



DDFFFF



FAFFFF



3D706A



3D706A



327069



48706B

■ 277067

■ 53706D

■ 1B7066

■ 5F706E

■ 107065

■ 6A706F

■ 057063

■ 757071

■ 007063

■ 807072

■ 8B7073

■ 977075

■ A27076

# Harmonies

## Analogous

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



4C6F5A



3D706A



386F79

# Triad

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



3D706A



6E6280



7D624B

# Complementary

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



3D706A



703D43

# 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.



865E56



3D706A



7E5E74

# Square

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



3D706A



586886



865C65



6F6748

# Rectangle

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



3D706A



3E6D81



865C65



81604E



# Sweetspot

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



3D706A



7D918F



44703D



3D4A48



C9C9C9



4A4A4A



# Same Dimension

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



3D706A



419188



3D5D70



323837



00786A



00F7DA



# Inverse Universe

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



703D43



91414B



70503D



383233



78000E

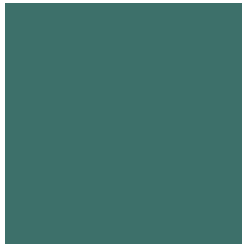


F7001D



# Previews

## White Background



This preview shows how the Hex color 3D706A looks on a white background.

## Color Contrast Check

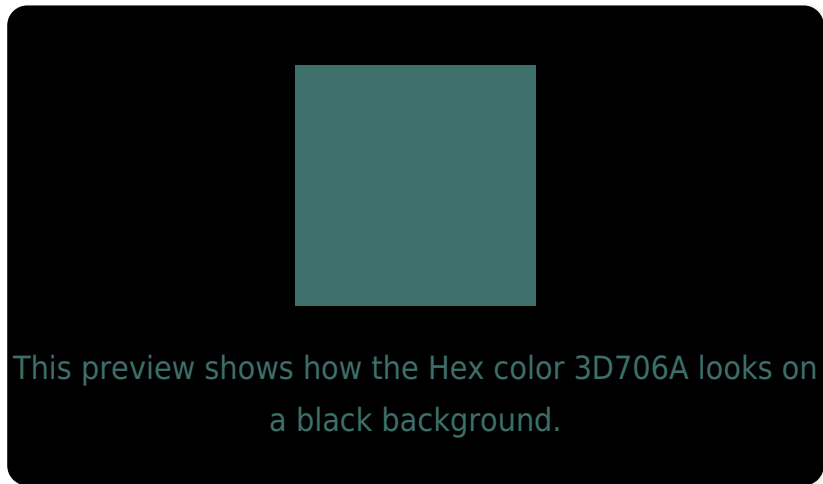
Large Text (above 18pt) WCAG AA ✓ Pass

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

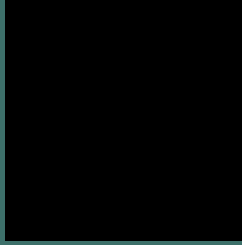
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3D706A Background



This preview shows how black text looks on a background with the Hex color 3D706A.

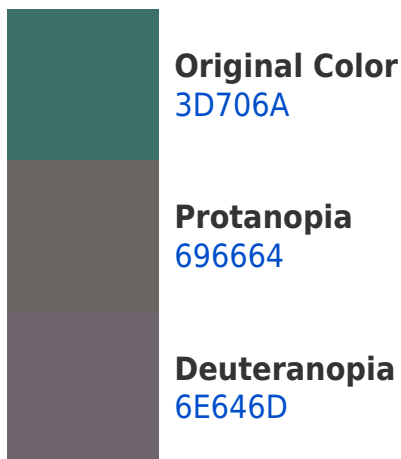


This preview shows how white text looks on a background with the Hex color 3D706A.

# 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](#).

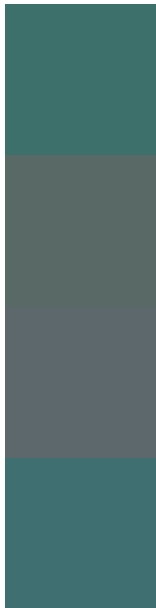
## Dichromacy





**Tritanopia**  
416E77

# Trichromacy



**Original Color**  
3D706A

**Protanomaly**  
596A66

**Deuteranomaly**  
5C686C

**Tritanomaly**  
406F72

# Monochromacy



**Original Color**  
3D706A

**Achromatopsia**  
606060

**Achromatomaly**  
536664

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3D706A 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 #3D706A looks like.

```
.text, #text, p{  
    color:#3D706A  
}
```

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 #3D706A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D706A
}
```

## Border

The CSS property to change the border of an element to Hex 3D706A 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
#3D706A }
```

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

```
.border{ border-color:#3D706A }
```

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

Here you see how a box with a 4 pixel #3D706A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D706A; -webkit-box-shadow:4px 4px  
4px 4px #3D706A; box-shadow:4px 4px 4px  
4px #3D706A }
```

# Background

The CSS property to change the background color of an element to Hex 3D706A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D706A }
```

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

```
.background{ background-color:#3D706A }
```

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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