

# Converting Colors

Hex(407D61)

Have a look what the booklet for  
Hex(407D61) contains.

<b>Hex(407D61)</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(407D61)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	407D61
RGB	64, 125, 97
RGB Percent	25%, 49%, 38%
CMY	0.7490, 0.5098, 0.6196
CMYK	0.49, 0.00, 0.22, 0.51
HSL	152°, 32%, 37%
HSV	152°, 49%, 49%
XYZ	11.6056, 16.6203, 13.9056
YIQ	103.5690, -27.3680, -21.6400

# Conversions

## Conversions Part 2

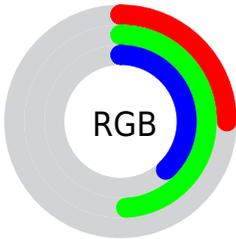
<b>Format</b>	<b>Color</b>
<b>RYB</b>	64, 104, 125
Decimal	4226401
CIELab	47.78, -26.85, 9.24
CIELCh	48, 28.398, 161.003
Yxy	16.6203, 0.2755, 0.3945
Android (android.graphics.Color)	4282416481 (0xFF407D61)
YUV	103.5690, -3.2385, -34.7020
Hunter-Lab	40.7680, -20.5294, 8.3143

# Details

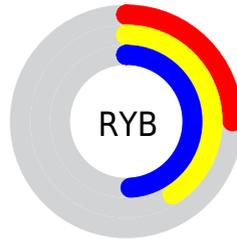
The Hex color **407D61** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **7D405C**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **74B294**, and **074B33** is the 20% darker color. If you saturate the color by 10%, you get **347D5B**, and if you desaturate by 10%, it is **4D7D67**.

# Distribution



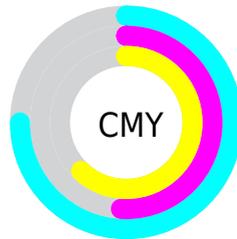
- Red (25%)
- Green (49%)
- Blue (38%)



- Red (25%)
- Yellow (41%)
- Blue (49%)



- Cyan (49%)
- Magenta (0%)
- Yellow (22%)
- Black (51%)



- Cyan (75%)
- Magenta (51%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 407D61 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 407D61 by changing the saturation by 10% instead.

 407D61

 407D61

FFFFFF

 266449

 74B294

 074B33

 8ECEAE

 00341D

 AAEACA

 002005

 C5FFE6

 000000

 E2FFFF

 407D61

 407D61

 347D5B

 4D7D67

 277D56

 597D6C

 1B7D50

 667D72

 0E7D4A

 727D78

 027D44

 7E7D7E

 007D44

 8B7D83

 987D89

 A47D8F

 B17D95

# Harmonies

## Analogous

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



5E794C



407D61



1C7E7A

# Triad

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



407D61



5D71A0



9C6353

# Complementary

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



407D61



7D405C

# 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.



A05F69



407D61



7F6896

# Square

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



407D61



33789E



966182



8E6B44

# Rectangle

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



407D61



037D89



966182



9F615A

# Sweetspot

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



407D61



8BA398



5C7D40



43524B



D1D1D1



525252



# Same Dimension

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



407D61



43A377



407B7D



39403D



008045



000000



# Inverse Universe

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



7D405C



A3436F



7D4240



40393C



80003B

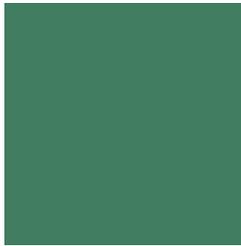


000000



# Previews

## White Background



This preview shows how the Hex color 407D61 looks on a white background.

## Color Contrast Check

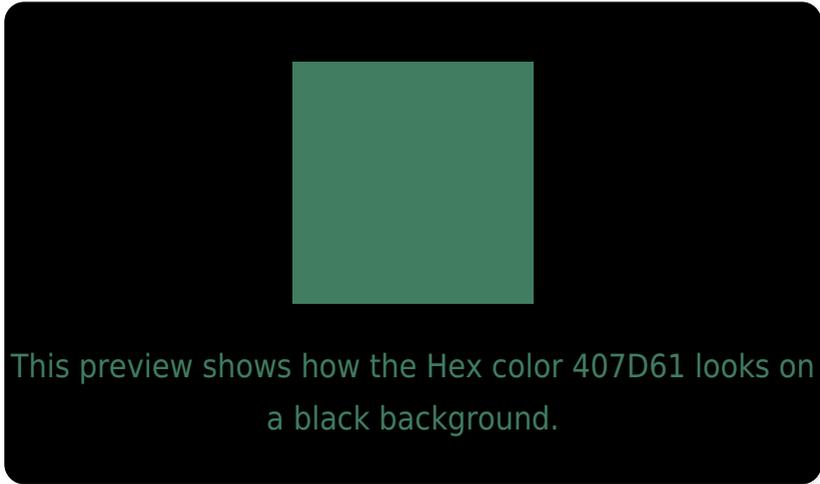
Large Text (above 18pt) WCAG AA ✓ Pass

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

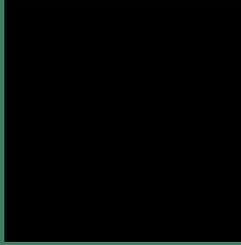
Any Text WCAG AA × Fail

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 407D61 Background



This preview shows how black text looks on a background with the Hex color 407D61.

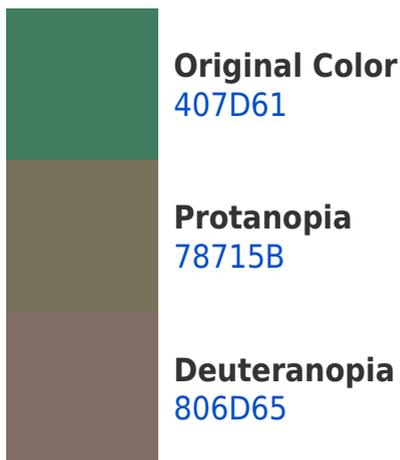


This preview shows how white text looks on a background with the Hex color 407D61.

# 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**  
497982

# Trichromacy



**Original Color**  
407D61

**Protanomaly**  
64755D

**Deuteranomaly**  
697364

**Tritanomaly**  
467A76

# Monochromacy



**Original Color**  
407D61

**Achromatopsia**  
686868

**Achromatomaly**  
597065

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 407D61 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 #407D61 looks like.

```
.text, #text, p{  
    color:#407D61  
}
```

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 #407D61 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #407D61
}
```

## Border

The CSS property to change the border of an element to Hex 407D61 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
#407D61 }
```

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

```
.border{ border-color:#407D61 }
```

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

Here you see how a box with a 4 pixel #407D61 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #407D61; -webkit-box-shadow:4px 4px  
4px 4px #407D61; box-shadow:4px 4px 4px  
4px #407D61 }
```

# Background

The CSS property to change the background color of an element to Hex 407D61 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#407D61 }
```

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

```
.background{ background-color:#407D61 }
```

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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