

# Converting Colors

Hex(427D61)

Have a look what the booklet for  
Hex(427D61) contains.

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# Color

**Hex(427D61)**

# Conversions

Conversions Part 1	
Format	Color
Hex	427D61
RGB	66, 125, 97
RGB Percent	26%, 49%, 38%
CMY	0.7412, 0.5098, 0.6196
CMYK	0.47, 0.00, 0.22, 0.51
HSL	152°, 31%, 37%
HSV	152°, 47%, 49%
XYZ	11.7381, 16.6885, 13.9118
YIQ	104.1670, -26.1760, -21.2160

# Conversions

## Conversions Part 2

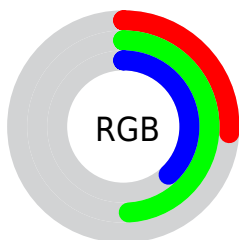
Format	Color
<a href="#">RYB</a>	<a href="#">66, 105, 125</a>
Decimal	<a href="#">4357473</a>
CIELab	<a href="#">47.87, -26.29, 9.38</a>
CIELCh	<a href="#">48, 27.910, 160.363</a>
Yxy	<a href="#">16.6885, 0.2772, 0.3942</a>
Android (android.graphics.Color)	<a href="#">4282547553</a> (0xFF427D61)
YUV	<a href="#">104.1670, -3.5333, -33.4725</a>
Hunter-Lab	<a href="#">40.8516, -20.2013, 8.4052</a>

# Details

The Hex color **427D61** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **7D425E**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **75B294**, and **0B4B33** is the 20% darker color. If you saturate the color by 10%, you get **367D5B**, and if you desaturate by 10%, it is **4F7D67**.

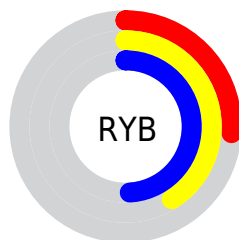
# Distribution



Red (26%)

Green (49%)

Blue (38%)



Red (26%)

Yellow (41%)

Blue (49%)

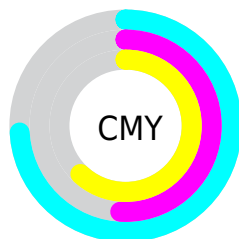


Cyan (47%)

Magenta (0%)

Yellow (22%)

Black (51%)



Cyan (74%)

Magenta (51%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 427D61 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 427D61 by changing the saturation by 10% instead.



 427D61

FFFFFF

 75B294

 90CEAE

 ABEACA

 C7FFE6

 E4FFFF

 427D61

 286449

 0B4B33

 00341D

 002005

 000000

 427D61

 367D5B

 297D55

 427D61

 4F7D67

 5B7D6D


 1D7D4F

 687D73

 107D49

 747D79

 047D43

 817D7F

 007D42

 8D7D85

 9A7D8B

 A67D90

 B37D96

# Harmonies

## Analogous

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



5F794D



427D61



217E79

# Triad

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



427D61



5D71A0



9C6354

# Complementary

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



427D61



7D425E

# 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.



9F5F6A



427D61



7F6996

# Square

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



427D61



34789D



966182



8E6B46

# Rectangle

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



427D61



0D7E89



966182



9F615B



# Sweetspot

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



427D61



8CA398



5F7D42



44524B



D1D1D1



525252



# Same Dimension

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



427D61



46A377



427C7D



39403D



008043



000000



# Inverse Universe

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



7D425E



A34672



7D4342



40393C



80003D

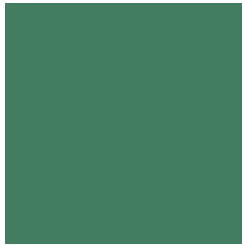


000000



# Previews

## White Background



This preview shows how the Hex color 427D61 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



This preview shows how the Hex color 427D61 looks on a 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 427D61 Background



This preview shows how black text looks on a background with the Hex color 427D61.



This preview shows how white text looks on a background with the Hex color 427D61.

# 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**

427D61

**Protanopia**

78715B

**Deuteranopia**

816D64

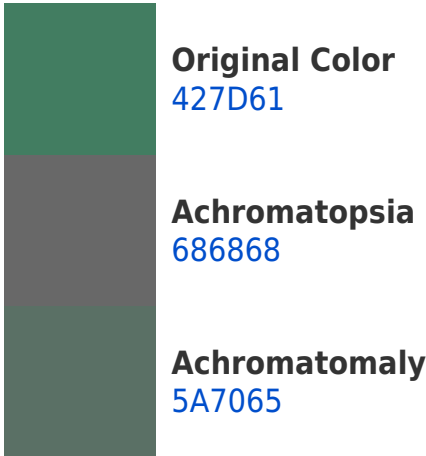


**Tritanopia**  
4B7982

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 427D61 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 #427D61 looks like.

```
.text, #text, p{  
    color:#427D61  
}
```

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 #427D61 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #427D61
}
```

## Border

The CSS property to change the border of an element to Hex 427D61 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
#427D61 }
```

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

```
.border{ border-color:#427D61 }
```

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

Here you see how a box with a 4 pixel #427D61 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #427D61; -webkit-box-shadow:4px 4px  
4px 4px #427D61; box-shadow:4px 4px 4px  
4px #427D61 }
```

# Background

The CSS property to change the background color of an element to Hex 427D61 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#427D61 }
```

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

```
.background{ background-color:#427D61 }
```

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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