

# Converting Colors

Hex(437A57)

Have a look what the booklet for  
Hex(437A57) contains.

<b>Hex(437A57)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(437A57)

# Conversions

## Conversions Part 1

Format	Color
Hex	437A57
RGB	67, 122, 87
RGB Percent	26%, 48%, 34%
CMY	0.7373, 0.5216, 0.6588
CMYK	0.45, 0.00, 0.29, 0.52
HSL	142°, 29%, 37%
HSV	142°, 45%, 48%
XYZ	10.9946, 15.8005, 11.4871
YIQ	101.5650, -21.5450, -22.5450

# Conversions

## Conversions Part 2

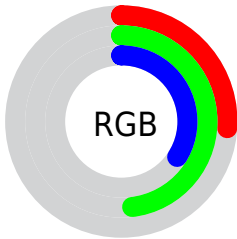
Format	Color
R <sub>YB</sub>	67, 107, 122
Decimal	4422231
CIE Lab	46.71, -26.69, 13.62
CIE LCh	47, 29.961, 152.962
Yxy	15.8005, 0.2872, 0.4127
Android (android.graphics.Color)	4282612311 (0xFF437A57)
YUV	101.5650, -7.1805, -30.3135
Hunter-Lab	39.7498, -20.1901, 10.6909

# Details

The Hex color **437A57** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **7A4366**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **76AF89**, and **0F4929** is the 20% darker color. If you saturate the color by 10%, you get **377A4F**, and if you desaturate by 10%, it is **4F7A5F**.

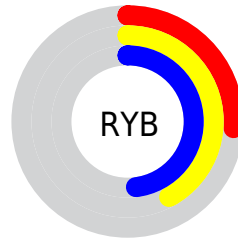
# Distribution



Red (26%)

Green (48%)

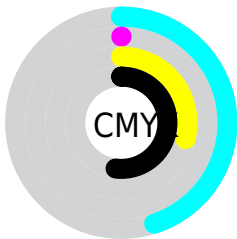
Blue (34%)



Red (26%)

Yellow (42%)

Blue (48%)

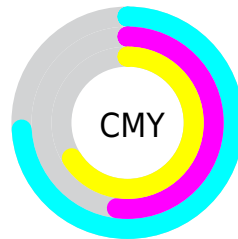


Cyan (45%)

Magenta (0%)

Yellow (29%)

Black (52%)



Cyan (74%)

Magenta (52%)

Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 437A57 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 437A57 by changing the saturation by 10% instead.



■ 437A57

■ 437A57

FFFFFF

■ 2A6140

■ 76AF89

■ 0F4929

■ 91CAA3

■ 003215

■ ACE7BE

■ 001F00

■ C8FFDA

■ 000000

■ E4FFF7

■ 437A57

■ 437A57

■ 377A4F

■ 4F7A5F

■ 2B7A47

■ 5B7A67

■ 1E7A40

■ 687A6E

■ 127A38

■ 747A76

■ 067A30

■ 807A7E

■ 007A2C

■ 8C7A86

■ 987A8D

■ A57A95

■ B17A9D

# Harmonies

## Analogous

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



627543



437A57



197C70

# Triad

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



437A57



4D70A1



9E5E55

# Complementary

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



437A57



7A4366

# 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.



9E5B6D



437A57



756799

# Square

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



437A57



15779B



905F86



916542

# Rectangle

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



437A57



007C81



905F86



9F5C5C



# Sweetspot

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



437A57



889E90



677A43



424F46



CFCFCF



4F4F4F



# Same Dimension

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



437A57



499E68



437A72



373D39



007D2D



00FC5C



# Inverse Universe

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



7A4366



9E497F



7A434B



3D373B



7D0050



FC00A1



# Previews

## White Background



This preview shows how the Hex color 437A57 looks on a white background.

## Color Contrast Check

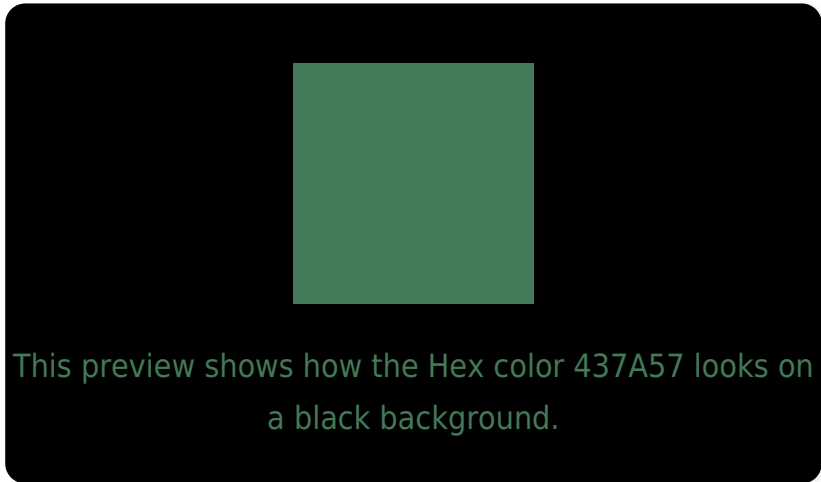
Large Text (above 18pt) WCAG AA ✓ Pass

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

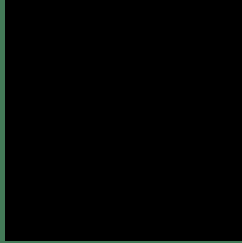
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 437A57 Background



This preview shows how black text looks on a background with the Hex color 437A57.

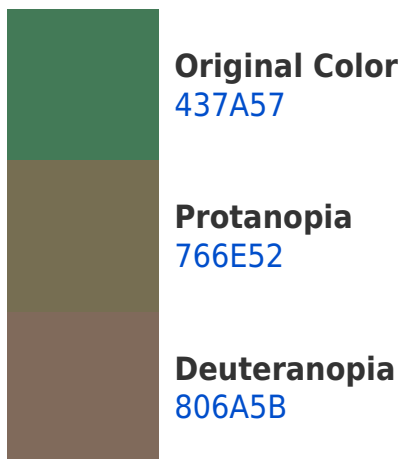


This preview shows how white text looks on a background with the Hex color 437A57.

# 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**  
4C757E

# Trichromacy



**Original Color**  
437A57

**Protanomaly**  
637254

**Deuteranomaly**  
6A705A

**Tritanomaly**  
497770

# Monochromacy



**Original Color**  
437A57

**Achromatopsia**  
666666

**Achromatomaly**  
596D61

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 437A57 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 #437A57 looks like.

```
.text, #text, p{  
    color:#437A57  
}
```

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 #437A57 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #437A57
}
```

## Border

The CSS property to change the border of an element to Hex 437A57 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
#437A57 }
```

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

```
.border{ border-color:#437A57 }
```

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

Here you see how a box with a 4 pixel #437A57 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #437A57; -webkit-box-shadow:4px 4px  
4px 4px #437A57; box-shadow:4px 4px 4px  
4px #437A57 }
```

# Background

The CSS property to change the background color of an element to Hex 437A57 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#437A57 }
```

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

```
.background{ background-color:#437A57 }
```

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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