

# Converting Colors

Hex(427C43)

Have a look what the booklet for  
Hex(427C43) contains.

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**Color**

**Hex(427C43)**

# Conversions

## Conversions Part 1

Format	Color
Hex	427C43
RGB	66, 124, 67
RGB Percent	26%, 49%, 26%
CMY	0.7412, 0.5137, 0.7373
CMYK	0.47, 0.00, 0.46, 0.51
HSL	121°, 31%, 37%
HSV	121°, 47%, 49%
XYZ	10.4675, 15.9788, 7.8427
YIQ	100.1600, -16.2710, -30.0230

# Conversions

## Conversions Part 2

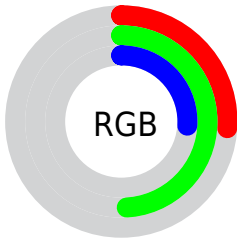
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	66, 123, 124
Decimal	4357187
CIE <sub>Lab</sub>	46.95, -31.66, 25.31
CIE <sub>LCh</sub>	47, 40.533, 141.352
Yxy	15.9788, 0.3053, 0.4660
Android (android.graphics.Color)	4282547267 (0xFF427C43)
YUV	100.1600, -16.3479, -29.9583
Hunter-Lab	39.9735, -23.2113, 16.3489

# Details

The Hex color **427C43** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **7C427B**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **76B174**, and **0A4A16** is the 20% darker color. If you saturate the color by 10%, you get **367C37**, and if you desaturate by 10%, it is **4E7C4F**.

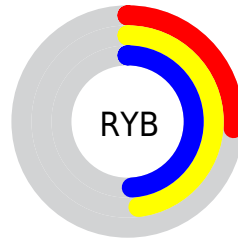
# Distribution



Red (26%)

Green (49%)

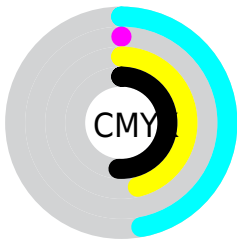
Blue (26%)



Red (26%)

Yellow (48%)

Blue (49%)

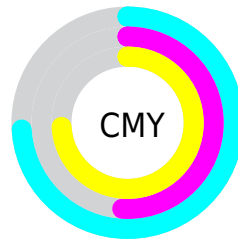


Cyan (47%)

Magenta (0%)

Yellow (46%)

Black (51%)



Cyan (74%)

Magenta (51%)

Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 427C43 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 427C43 by changing the saturation by 10% instead.





427C43



427C43

FFFFFF



28632C



76B174



0A4A16



90CD8E



003300



ACE9A8



002000



C8FFC4



000000



E4FFE0

FFFFFFD



427C43



427C43



367C37



4E7C4F

■ 297C2B

■ 5B7C5B

■ 1D7C1E

■ 677C68

■ 107C12

■ 747C74

■ 047C06

■ 807C80

■ 007C02

■ 8C7C8C

■ 997C98

■ A57CA4

■ B27CB1

# Harmonies

## Analogous

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



6B752C



427C43



008064

# Triad

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



427C43



0076B2



AE5358

# Complementary

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



427C43



7C427B

# 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.



A9537B



427C43



616AAF

# Square

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



427C43



007DA4



905D9A



A35D3B

# Rectangle

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



427C43



00807C



905D9A



AF5264



# Sweetspot

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



427C43



8AA18B



7B7C42



445244



D1D1D1



525252



# Same Dimension

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



427C43



47A148



427C60



373D37



007D02



00FC04



# Inverse Universe

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



7C427B



A1479F



7C425E



3D373D



7D007B



FC00F8



# Previews

## White Background



This preview shows how the Hex color 427C43 looks on a white background.

## Color Contrast Check

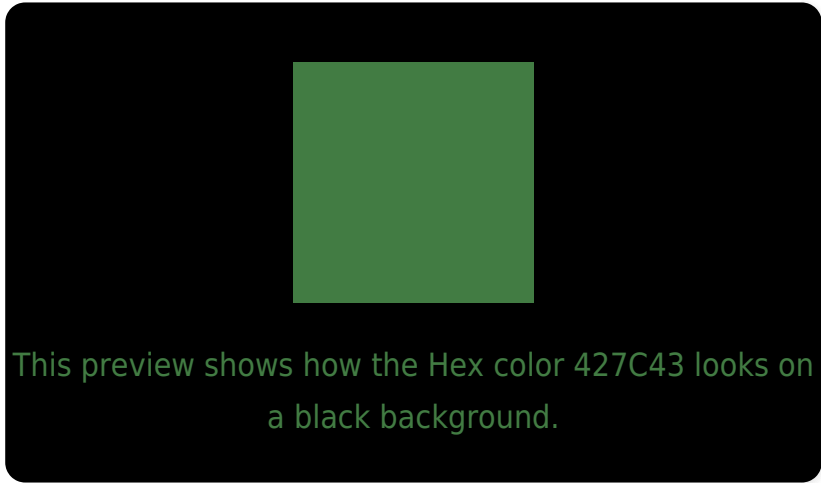
Large Text (above 18pt) WCAG AA ✓ Pass

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 427C43 Background



This preview shows how black text looks on a background with the Hex color 427C43.



This preview shows how white text looks on a background with the Hex color 427C43.

# 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**  
427C43

**Protanopia**  
7A6F3E

**Deuteranopia**  
856A47



**Tritanopia**  
4F757F

# Trichromacy



**Original Color**  
427C43

**Protanomaly**  
667440

**Deuteranomaly**  
6D7146

**Tritanomaly**  
4A7869

# Monochromacy



**Original Color**  
427C43

**Achromatopsia**  
646464

**Achromatomaly**  
586D58

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 427C43 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 #427C43 looks like.

```
.text, #text, p{  
    color:#427C43  
}
```

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 #427C43 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #427C43
}
```

## Border

The CSS property to change the border of an element to Hex 427C43 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
#427C43 }
```

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

```
.border{ border-color:#427C43 }
```

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

Here you see how a box with a 4 pixel #427C43 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #427C43; -webkit-box-shadow:4px 4px  
4px 4px #427C43; box-shadow:4px 4px 4px  
4px #427C43 }
```

# Background

The CSS property to change the background color of an element to Hex 427C43 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#427C43 }
```

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

```
.background{ background-color:#427C43 }
```

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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