

# Converting Colors

Hex(427047)

Have a look what the booklet for  
Hex(427047) contains.

<b>Hex(427047)</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(427047)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	427047
RGB	66, 112, 71
RGB Percent	26%, 44%, 28%
CMY	0.7412, 0.5608, 0.7216
CMYK	0.41, 0.00, 0.37, 0.56
HSL	127°, 26%, 35%
HSV	127°, 41%, 44%
XYZ	9.1783, 13.2015, 8.0256
YIQ	93.5720, -14.2550, -22.5030

# Conversions

## Conversions Part 2

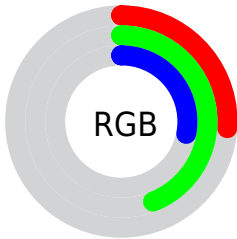
<b>Format</b>	<b>Color</b>
<b>RYB</b>	66, 107, 112
Decimal	4354119
CIELab	43.07, -25.20, 17.98
CIElCh	43, 30.957, 144.492
Yxy	13.2015, 0.3019, 0.4342
Android (android.graphics.Color)	4282544199 (0xFF427047)
YUV	93.5720, -11.1280, -24.1806
Hunter-Lab	36.3339, -18.4936, 12.3374

# Details

The Hex color **427047** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **70426B**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **74A478**, and **11401B** is the 20% darker color. If you saturate the color by 10%, you get **37703D**, and if you desaturate by 10%, it is **4D7051**.

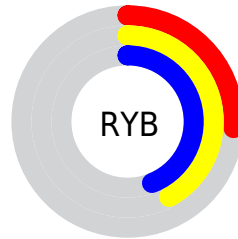
# Distribution



Red (26%)

Green (44%)

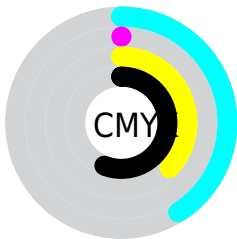
Blue (28%)



Red (26%)

Yellow (42%)

Blue (44%)

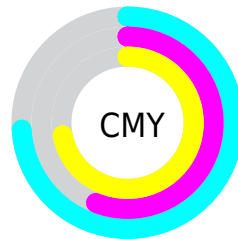


Cyan (41%)

Magenta (0%)

Yellow (37%)

Black (56%)



Cyan (74%)

Magenta (56%)

Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 427047 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 427047 by changing the saturation by 10% instead.





427047



427047

FFFFFF



2A5730



74A478



11401B



8EBF92



002902



A9DBAC



001300



C5F8C8



000000



E1FFE4

FEFFFF



427047



427047



37703D



4D7051

■ 2C7033

■ 58705B

■ 207029

■ 647065

■ 15701F

■ 6F706F

■ 0A7015

■ 7A7079

■ 00700C

■ 857083

■ 90708D

■ 9C7097

■ A770A1

# Harmonies

## Analogous

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



606B36



427047



157360

# Triad

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



427047



316A98



965252

# Complementary

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



427047



70426B

# 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.



93516C



427047



616194

# Square

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



427047



00708F



815784



8D593D

# Rectangle

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



427047



007372



815784



97515A



# Sweetspot

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



427047



809182



6B7042



404A41



C9C9C9



4A4A4A



# Same Dimension

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



427047



4A9152



42705E



323833



00780D



00F71B



# Inverse Universe

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



70426B



914A8A



704254



383237



78006B

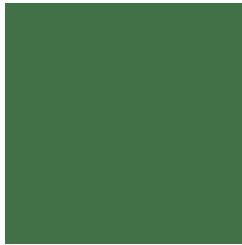


F700DC



# Previews

## White Background



This preview shows how the Hex color 427047 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

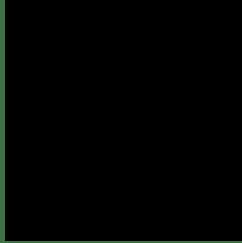
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 427047 Background



This preview shows how black text looks on a background with the Hex color 427047.



This preview shows how white text looks on a background with the Hex color 427047.

# 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**  
427047

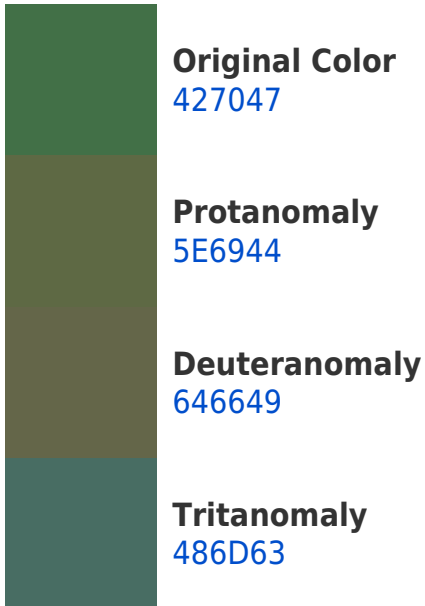
**Protanopia**  
6E6543

**Deuteranopia**  
78614A

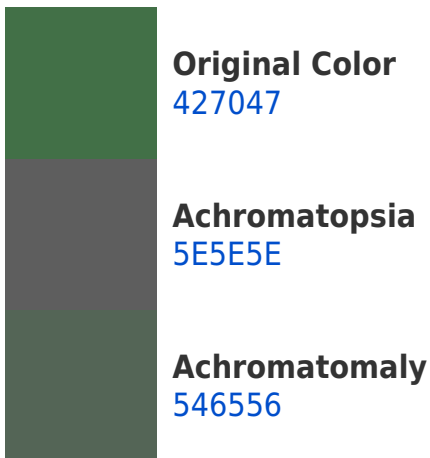


**Tritanopia**  
4B6B73

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 427047 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 #427047 looks like.

```
.text, #text, p{  
    color:#427047  
}
```

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 #427047 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #427047
}
```

## Border

The CSS property to change the border of an element to Hex 427047 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
#427047 }
```

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

```
.border{ border-color:#427047 }
```

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

Here you see how a box with a 4 pixel #427047 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #427047; -webkit-box-shadow:4px 4px  
4px 4px #427047; box-shadow:4px 4px 4px  
4px #427047 }
```

# Background

The CSS property to change the background color of an element to Hex 427047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#427047 }
```

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

```
.background{ background-color:#427047 }
```

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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