

# Converting Colors

Hex(471D67)

Have a look what the booklet for  
Hex(471D67) contains.

<b>Hex(471D67)</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> .....	28

**Color**

**Hex(471D67)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	471D67
RGB	71, 29, 103
RGB Percent	28%, 11%, 40%
CMY	0.7216, 0.8863, 0.5961
CMYK	0.31, 0.72, 0.00, 0.60
HSL	274°, 56%, 26%
HSV	274°, 72%, 40%
XYZ	5.4861, 3.1976, 13.1600
YIQ	49.9940, 1.2780, 31.9180

# Conversions

## Conversions Part 2

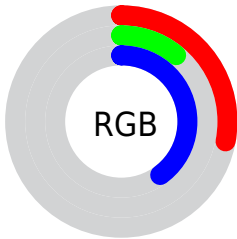
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	71, 29, 103
Decimal	4660583
CIE <sub>Lab</sub>	20.82, 34.53, -35.40
CIE <sub>LCh</sub>	21, 49.456, 314.285
Yxy	3.1976, 0.2512, 0.1464
Android (android.graphics.Color)	4282850663 (0xFF471D67)
YUV	49.9940, 26.1320, 18.4223
Hunter-Lab	17.8818, 23.4700, -31.1168

# Details

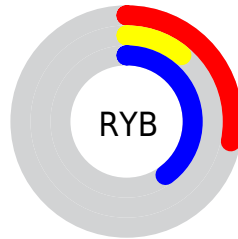
The Hex color **471D67** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **3D671D**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **7A4C9B**, and **1B0037** is the 20% darker color. If you saturate the color by 10%, you get **431367**, and if you desaturate by 10%, it is **4B2767**.

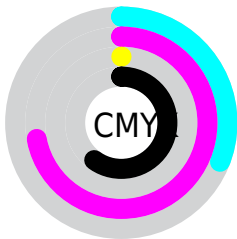
# Distribution



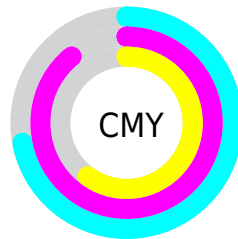
- Red (28%)
- Green (11%)
- Blue (40%)



- Red (28%)
- Yellow (11%)
- Blue (40%)



- Cyan (31%)
- Magenta (72%)
- Yellow (0%)
- Black (60%)



- Cyan (72%)
- Magenta (89%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 471D67 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 471D67 by changing the saturation by 10% instead.



471D67

471D67

FFFFFF

2E044F

7A4C9B

1B0037

9565B6

000221

B17FD2

000006

CD99EE

000000

E9B4FF

FFD0FF

FFEDFF

471D67

471D67

■ 431367

■ 4B2767

■ 3E0867

■ 503267

■ 3A0067

■ 543C67

■ 594667

■ 5D5067

■ 625B67

■ 666567

■ 6B6F67

■ 6F7A67

# Harmonies

## Analogous

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



00317A



471D67



670047

# Triad

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



471D67



4E2900



004143

# Complementary

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



471D67



3D671D

# 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.



00401D



471D67



2F3600

# Square

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



471D67



651200



003C00



004065

# Rectangle

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



471D67



6F002F



003C00



004037



# Sweetspot

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



471D67



7A6987



1D3D67



3D3345



C4C4C4



454545



# Same Dimension

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



471D67



551387



671D62



312E33



410073



8900F2



# Inverse Universe

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



671D3D



871345



1D6722



332E30



730032

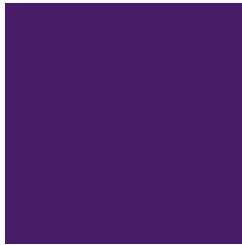


F20069



# Previews

## White Background



This preview shows how the Hex color 471D67 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 ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

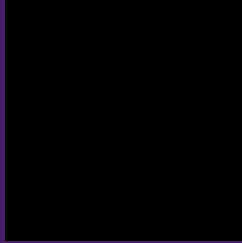
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 471D67 Background



This preview shows how black text looks on a background with the Hex color 471D67.

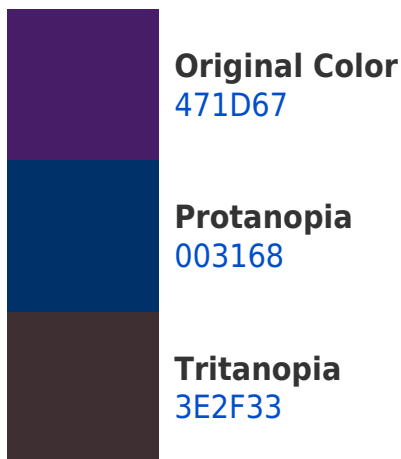


This preview shows how white text looks on a background with the Hex color 471D67.

# 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



# Trichromacy

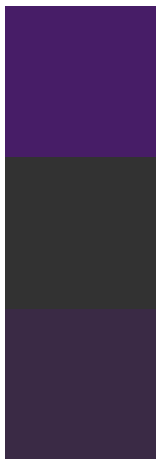


**Original Color**  
471D67

**Protanomaly**  
1A2A68

**Tritanomaly**  
412846

# Monochromacy



**Original Color**  
471D67

**Achromatopsia**  
323232

**Achromatomaly**  
3A2A45

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 471D67 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 #471D67 looks like.

```
.text, #text, p{  
    color:#471D67  
}
```

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 #471D67 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #471D67
}
```

## Border

The CSS property to change the border of an element to Hex 471D67 is called "border". The border property can be set on classes, ids or directly on the HTML element.

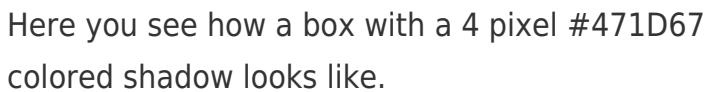
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#471D67 }
```

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

```
.border{ border-color:#471D67 }
```

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



Here you see how a box with a 4 pixel #471D67 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #471D67; -webkit-box-shadow:4px 4px  
4px 4px #471D67; box-shadow:4px 4px 4px  
4px #471D67 }
```

# Background

The CSS property to change the background color of an element to Hex 471D67 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#471D67 }
```

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

```
.background{ background-color:#471D67 }
```

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](#).

# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**



**Follow me  
on Twitter!**

@ConvertingColor