

# Converting Colors

Hex(4C3D6F)

Have a look what the booklet for  
Hex(4C3D6F) contains.

<b>Hex(4C3D6F)</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(4C3D6F)

# Conversions

## Conversions Part 1

Format	Color
Hex	4C3D6F
RGB	76, 61, 111
RGB Percent	30%, 24%, 44%
CMY	0.7020, 0.7608, 0.5647
CMYK	0.32, 0.45, 0.00, 0.56
HSL	258°, 29%, 34%
HSV	258°, 45%, 44%
XYZ	7.5185, 6.0217, 15.8050
YIQ	71.1850, -7.1100, 18.7300

# Conversions

## Conversions Part 2

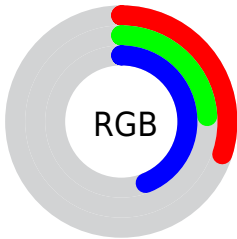
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	76, 61, 111
Decimal	4996463
CIE <sub>Lab</sub>	29.47, 18.66, -26.72
CIE <sub>LCh</sub>	29, 32.587, 304.925
Yxy	6.0217, 0.2562, 0.2052
Android (android.graphics.Color)	4283186543 (0xFF4C3D6F)
YUV	71.1850, 19.6288, 4.2228
Hunter-Lab	24.5391, 11.7467, -21.0096

# Details

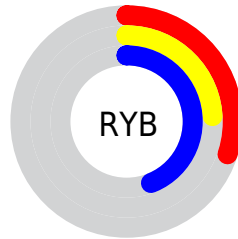
The Hex color **4C3D6F** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **606F3D**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **7E6DA3**, and **1D123F** is the 20% darker color. If you saturate the color by 10%, you get **44326F**, and if you desaturate by 10%, it is **54486F**.

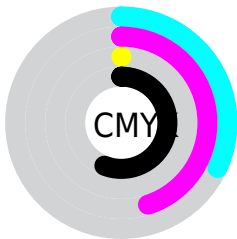
# Distribution



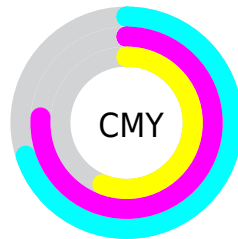
- Red (30%)
- Green (24%)
- Blue (44%)



- Red (30%)
- Yellow (24%)
- Blue (44%)



- Cyan (32%)
- Magenta (45%)
- Yellow (0%)
- Black (56%)



- Cyan (70%)
- Magenta (76%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4C3D6F 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 4C3D6F by changing the saturation by 10% instead.





4C3D6F



4C3D6F

FFFFFF



342756



7E6DA3



1D123F



9986BE



090029



B4A0DA



000113



D0BBF7



000000



ECD7FF



FFF4FF



4C3D6F



4C3D6F



44326F



54486F

■ 3C276F

■ 5C536F

■ 351C6F

■ 635E6F

■ 2D116F

■ 6B696F

■ 25066F

■ 73756F

■ 21006F

■ 7B806F

■ 828B6F

■ 8A966F

■ 92A16F

# Harmonies

## Analogous

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



174778



4C3D6F



67335B

# Triad

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



4C3D6F



643C17



005249

# Complementary

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



4C3D6F



606F3D

# 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.



09502F



4C3D6F



4F460F

# Square

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



4C3D6F



71332A



354C19



005162

# Rectangle

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



4C3D6F



712F4B



354C19



005140



# Sweetspot

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



4C3D6F



837D91



3D606F



413D4A



C9C9C9



4A4A4A



# Same Dimension

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



4C3D6F



5A4391



653D6F



343238



240078



4A00F7



# Inverse Universe

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



6F3D60



91437A



476F3D



383236



780054



F700AD



# Previews

## White Background



This preview shows how the Hex color 4C3D6F looks on a white background.

## Color Contrast Check

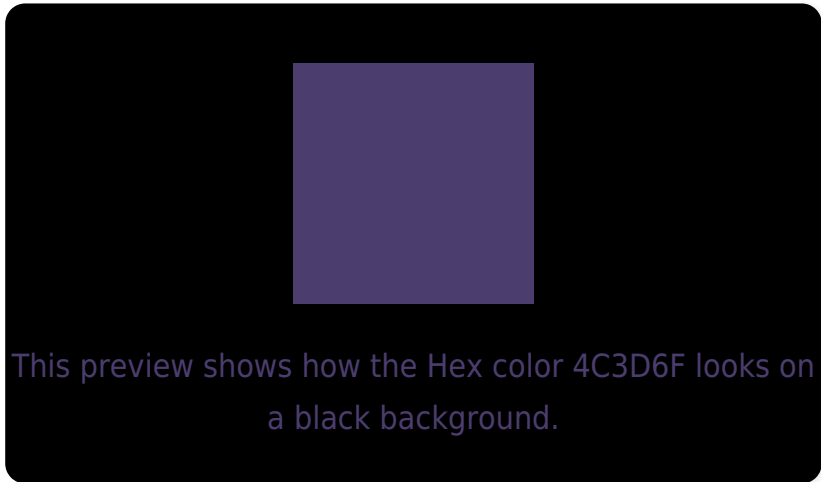
Large Text (above 18pt) WCAG AA ✓ Pass

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

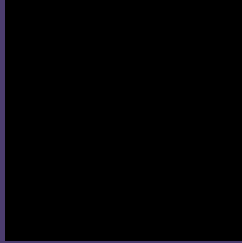
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4C3D6F Background



This preview shows how black text looks on a background with the Hex color 4C3D6F.



This preview shows how white text looks on a background with the Hex color 4C3D6F.

# 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**  
4C3D6F

**Protanopia**  
314475

**Deuteranopia**  
30466D



**Tritanopia**  
45454B

# Trichromacy



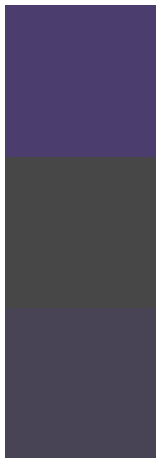
**Original Color**  
4C3D6F

**Protanomaly**  
3B4173

**Deuteranomaly**  
3A436E

**Tritanomaly**  
484258

# Monochromacy



**Original Color**  
4C3D6F

**Achromatopsia**  
474747

**Achromatomaly**  
494356

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4C3D6F 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 #4C3D6F looks like.

```
.text, #text, p{  
    color:#4C3D6F  
}
```

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 #4C3D6F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C3D6F
}
```

## Border

The CSS property to change the border of an element to Hex 4C3D6F 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
#4C3D6F }
```

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

```
.border{ border-color:#4C3D6F }
```

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

Here you see how a box with a 4 pixel #4C3D6F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C3D6F; -webkit-box-shadow:4px 4px  
4px 4px #4C3D6F; box-shadow:4px 4px 4px  
4px #4C3D6F }
```

# Background

The CSS property to change the background color of an element to Hex 4C3D6F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C3D6F }
```

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

```
.background{ background-color:#4C3D6F }
```

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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