

# Converting Colors

Hex(4C3377)

Have a look what the booklet for  
Hex(4C3377) contains.

<b>Hex(4C3377)</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(4C3377)

# Conversions

## Conversions Part 1

Format	Color
Hex	4C3377
RGB	76, 51, 119
RGB Percent	30%, 20%, 47%
CMY	0.7020, 0.8000, 0.5333
CMYK	0.36, 0.57, 0.00, 0.53
HSL	262°, 40%, 33%
HSV	262°, 57%, 47%
XYZ	7.4941, 5.2361, 18.0684
YIQ	66.2270, -6.9280, 26.4480

# Conversions

## Conversions Part 2

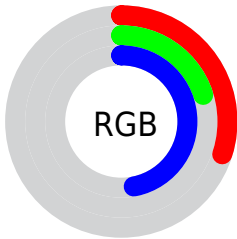
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	76, 51, 119
Decimal	4993911
CIE <sub>Lab</sub>	27.40, 27.35, -35.08
CIE <sub>LCh</sub>	27, 44.482, 307.936
Yxy	5.2361, 0.2433, 0.1700
Android (android.graphics.Color)	4283183991 (0xFF4C3377)
YUV	66.2270, 26.0171, 8.5709
Hunter-Lab	22.8824, 18.4152, -30.7989

# Details

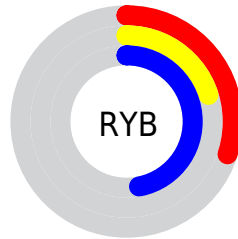
The Hex color **4C3377** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **5E7733**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **8062AC**, and **1A0746** is the 20% darker color. If you saturate the color by 10%, you get **442777**, and if you desaturate by 10%, it is **543F77**.

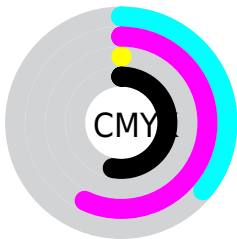
# Distribution



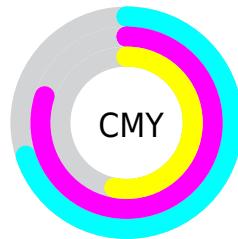
- Red (30%)
- Green (20%)
- Blue (47%)



- Red (30%)
- Yellow (20%)
- Blue (47%)



- Cyan (36%)
- Magenta (57%)
- Yellow (0%)
- Black (53%)



- Cyan (70%)
- Magenta (80%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4C3377 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 4C3377 by changing the saturation by 10% instead.



■ 4C3377

■ 4C3377

FFFFFF

■ 331D5E

■ 8062AC

■ 1A0746

■ 9A7CC7

■ 00002F

■ B696E4

■ 000119

■ D2B0FF

■ 000000

■ EFCCFF

■ FFE8FF

■ 4C3377

■ 4C3377

■ 442777

■ 543F77

■ 3D1B77

■ 5B4B77

■ 350F77

■ 635777

■ 2E0377

■ 6A6377

■ 2C0077

■ 726E77

■ 797A77

■ 818677

■ 889277

■ 909E77

# Harmonies

## Analogous

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



004285



4C3377



70215B

# Triad

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



4C3377



633500



005049

# Complementary

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



4C3377



5E7733

# 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.



004E25



4C3377



484200

# Square

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



4C3377



762418



224A00



004F6A

# Rectangle

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



4C3377



7A1845



224A00



004F3D



# Sweetspot

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



4C3377



8B819C



335E77



453F4F



CFCFCF



4F4F4F



# Same Dimension

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



4C3377



58309C



6E3377



37353B



2D007A



5C00FA



# Inverse Universe

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



77335E



9C3074



3C7733



3B3538



7A004D



FA009E



# Previews

## White Background



This preview shows how the Hex color 4C3377 looks on a white background.

## Color Contrast Check

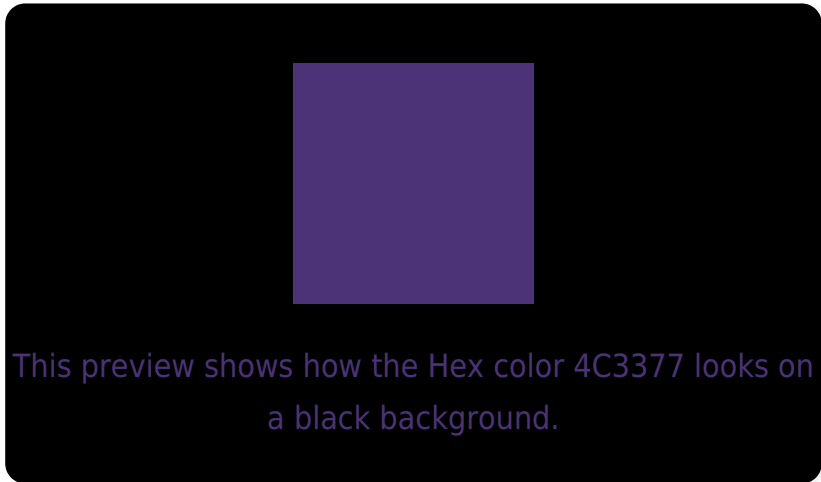
Large Text (above 18pt) WCAG AA ✓ Pass

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

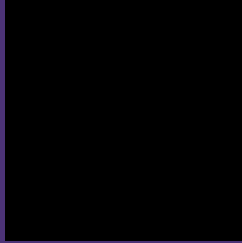
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4C3377 Background



This preview shows how black text looks on a background with the Hex color 4C3377.



This preview shows how white text looks on a background with the Hex color 4C3377.

# 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**  
4C3377

**Protanopia**  
0F3F83

**Deuteranopia**  
114274



**Tritanopia**  
424045

# Trichromacy



**Original Color**  
4C3377

**Protanomaly**  
253B7F

**Deuteranomaly**  
263D75

**Tritanomaly**  
463B57

# Monochromacy



**Original Color**  
4C3377

**Achromatopsia**  
424242

**Achromatomaly**  
463D55

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4C3377 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 #4C3377 looks like.

```
.text, #text, p{  
    color:#4C3377  
}
```

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 #4C3377 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C3377  
}
```

## Border

The CSS property to change the border of an element to Hex 4C3377 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  
#4C3377 }
```

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

```
.border{ border-color:#4C3377 }
```

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

Here you see how a box with a 4 pixel #4C3377 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C3377; -webkit-box-shadow:4px 4px  
4px 4px #4C3377; box-shadow:4px 4px 4px  
4px #4C3377 }
```

# Background

The CSS property to change the background color of an element to Hex 4C3377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C3377 }
```

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

```
.background{ background-color:#4C3377 }
```

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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