

# Converting Colors

Hex(4C2375)

Have a look what the booklet for  
Hex(4C2375) contains.

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# Color

Hex(4C2375)

# Conversions

## Conversions Part 1

Format	Color
Hex	4C2375
RGB	76, 35, 117
RGB Percent	30%, 14%, 46%
CMY	0.7020, 0.8627, 0.5412
CMYK	0.35, 0.70, 0.00, 0.54
HSL	270°, 54%, 30%
HSV	270°, 70%, 46%
XYZ	6.7924, 4.0229, 17.2481
YIQ	56.6070, -1.8860, 34.1940

# Conversions

## Conversions Part 2

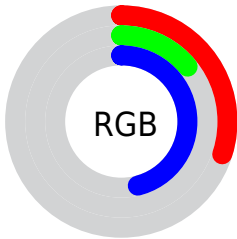
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	76, 35, 117
Decimal	4989813
CIE Lab	23.75, 36.17, -39.69
CIE LCh	24, 53.694, 312.344
Yxy	4.0229, 0.2420, 0.1434
Android (android.graphics.Color)	4283179893 (0xFF4C2375)
YUV	56.6070, 29.7737, 17.0077
Hunter-Lab	20.0572, 25.3492, -36.9462

# Details

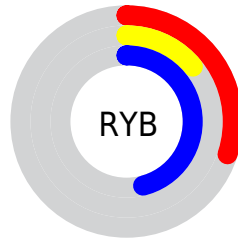
The Hex color **4C2375** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **4C7523**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **8053AA**, and **1A0044** is the 20% darker color. If you saturate the color by 10%, you get **461775**, and if you desaturate by 10%, it is **522F75**.

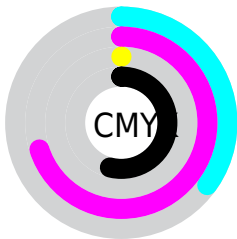
# Distribution



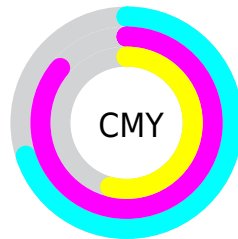
- Red (30%)
- Green (14%)
- Blue (46%)



- Red (30%)
- Yellow (14%)
- Blue (46%)



- Cyan (35%)
- Magenta (70%)
- Yellow (0%)
- Black (54%)



- Cyan (70%)
- Magenta (86%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4C2375 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 4C2375 by changing the saturation by 10% instead.



 4C2375

 4C2375

FFFFFF

 320A5C

 8053AA

 1A0044

 9B6CC5

 00002D

 B786E2

 000117

 D3A0FE

 000000

 F0BCFF

 FFD8FF

 FFF4FF

 4C2375

 4C2375

■ 461775

■ 522F75

■ 400C75

■ 583A75

■ 3B0075

■ 5E4675

■ 635275

■ 695E75

■ 6F6975

■ 757575

■ 7B8175

■ 818C75

# Harmonies

## Analogous

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



003989



4C2375



720052

# Triad

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



4C2375



592E00



004949

# Complementary

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



4C2375



4C7523

# 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.



00471E



4C2375



373C00

# Square

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



4C2375



721300



004400



00486F

# Rectangle

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



4C2375



7B0037



004400



00483B



# Sweetspot

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



4C2375



897999



234C75



43394D



CCCCCC



4D4D4D



# Same Dimension

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



4C2375



591899



752375



38353B



3D007A



7D00FA



# Inverse Universe

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



75234C



991859



237523



3B3538



7A003D

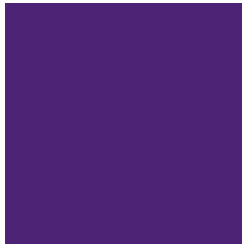


FA007D



# Previews

## White Background



This preview shows how the Hex color 4C2375 looks on a white background.

## Color Contrast Check

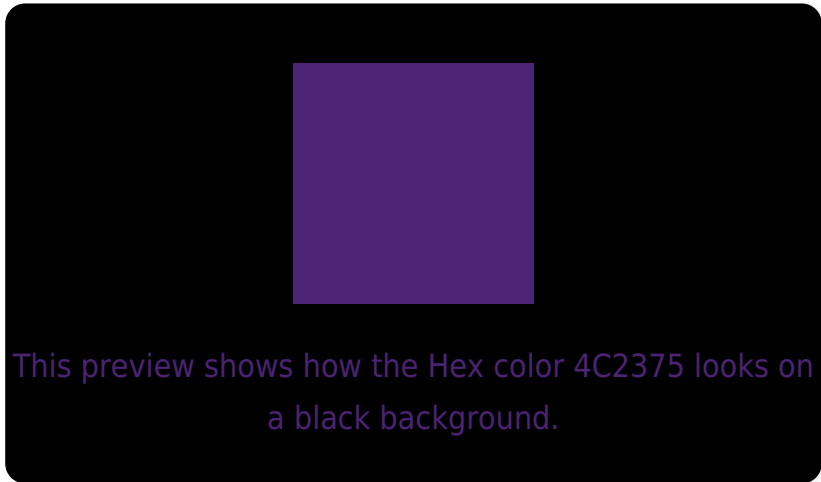
Large Text (above 18pt) WCAG AA ✓ Pass

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

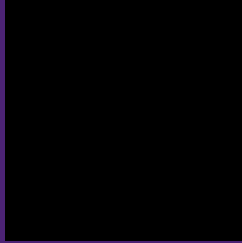
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4C2375 Background



This preview shows how black text looks on a background with the Hex color 4C2375.

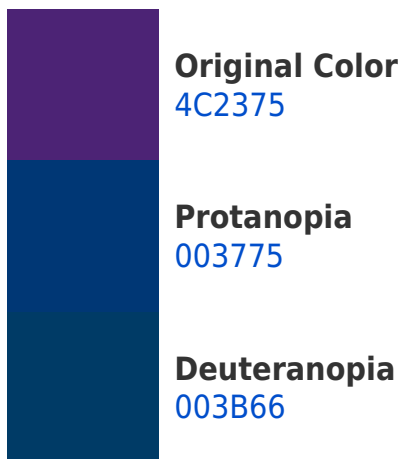


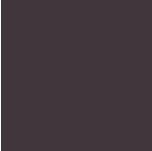
This preview shows how white text looks on a background with the Hex color 4C2375.

# 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





**Tritanopia**  
40363B

# Trichromacy



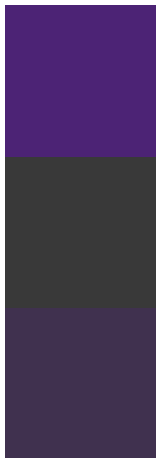
**Original Color**  
4C2375

**Protanomaly**  
1C3075

**Deuteranomaly**  
1C326B

**Tritanomaly**  
442F50

# Monochromacy



**Original Color**  
4C2375

**Achromatopsia**  
393939

**Achromatomaly**  
40314F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4C2375 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 #4C2375 looks like.

```
.text, #text, p{  
    color:#4C2375  
}
```

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 #4C2375 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C2375
}
```

## Border

The CSS property to change the border of an element to Hex 4C2375 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
#4C2375 }
```

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

```
.border{ border-color:#4C2375 }
```

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

Here you see how a box with a 4 pixel #4C2375 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C2375; -webkit-box-shadow:4px 4px  
4px 4px #4C2375; box-shadow:4px 4px 4px  
4px #4C2375 }
```

# Background

The CSS property to change the background color of an element to Hex 4C2375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C2375 }
```

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

```
.background{ background-color:#4C2375 }
```

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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