

# Converting Colors

Hex(C4375D)

Have a look what the booklet for  
Hex(C4375D) contains.

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# Color

**Hex(C4375D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C4375D
RGB	196, 55, 93
RGB Percent	77%, 22%, 36%
CMY	0.2314, 0.7843, 0.6353
CMYK	0.00, 0.72, 0.53, 0.23
HSL	344°, 56%, 49%
HSV	344°, 72%, 77%
XYZ	26.1069, 15.2585, 11.9251
YIQ	101.4910, 71.8380, 41.7100

# Conversions

## Conversions Part 2

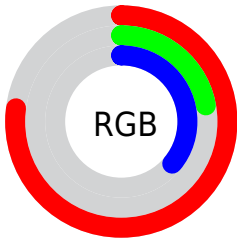
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	196, 55, 93
Decimal	12859229
CIE <sub>Lab</sub>	45.99, 57.84, 11.18
CIE <sub>LCh</sub>	46, 58.909, 10.943
Yxy	15.2585, 0.4899, 0.2863
Android (android.graphics.Color)	4291049309 (0xFFC4375D)
YUV	101.4910, -4.1861, 82.8844
Hunter-Lab	39.0621, 50.9409, 9.2430

# Details

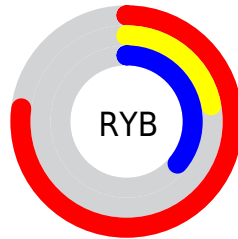
The Hex color **C4375D** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted red. A complement of this color would be **37C49E**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **FF708F**, and **880030** is the 20% darker color. If you saturate the color by 10%, you get **C4234F**, and if you desaturate by 10%, it is **C44B6B**.

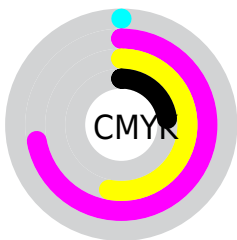
# Distribution



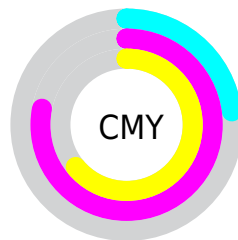
- Red (77%)
- Green (22%)
- Blue (36%)



- Red (77%)
- Yellow (22%)
- Blue (36%)



- Cyan (0%)
- Magenta (72%)
- Yellow (53%)
- Black (23%)



- Cyan (23%)
- Magenta (78%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C4375D 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 C4375D by changing the saturation by 10% instead.



 C4375D

 C4375D

FFFFFF

 A61346

 FF708F

 880030

 FF8CA9

 6B001B

 FFA8C5

 4F0001

 FFC5E0

 320002

 FFE2FD

 000000

 C4375D

 C4375D

 C4234F

 C44B6B

 C41040

 C45E7A

 C40035

 C47288

 C48596

 C499A5

 C4ADB3

 C4C0C1

 C4D4D0

 C4E7DE

# Harmonies

## Analogous

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



B43F8E



C4375D



BA482E

# Triad

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



C4375D



3B7B17



007BCA

# Complementary

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



C4375D



37C49E

# 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.



0082AD



C4375D



00814B

# Square

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



C4375D



737000



00837E



006DCF

# Rectangle

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



C4375D



A8580E



00837E



007EC3



# Sweetspot

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



C4375D



FFC7D6



9C37C4



805E67



000000



808080



# Same Dimension

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



C4375D



FF245F



C45637



61575A



A1002B



210009



# Inverse Universe

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



C4375D



FF245F



37A5C4



61575A



A1002B

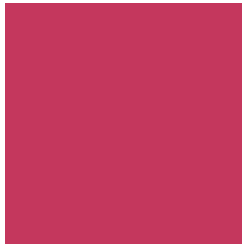


210009



# Previews

## White Background



This preview shows how the Hex color C4375D looks on a white background.

## Color Contrast Check

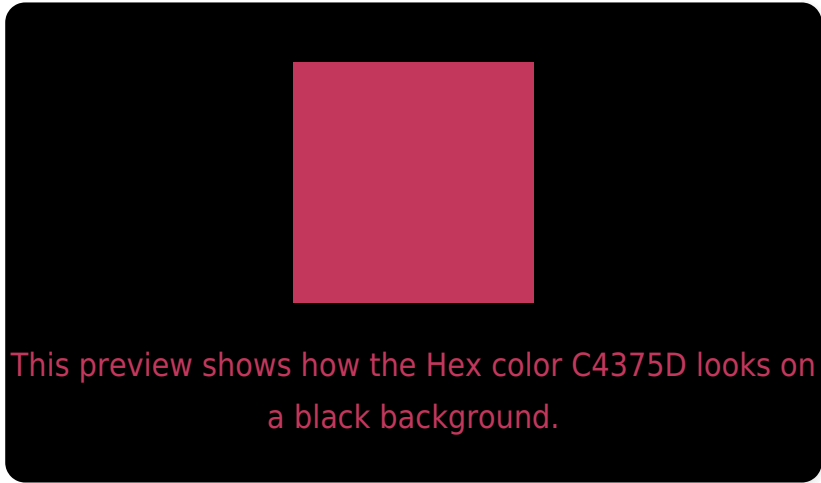
Large Text (above 18pt) WCAG AA ✓ Pass

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

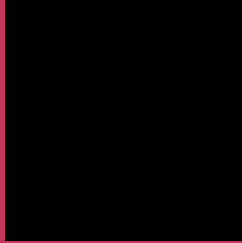
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex C4375D Background



This preview shows how black text looks on a background with the Hex color C4375D.



This preview shows how white text looks on a background with the Hex color C4375D.

# 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**  
C4375D

**Protanopia**  
6C6D79

**Deuteranopia**  
806956



**Tritanopia**  
C23D40

# Trichromacy



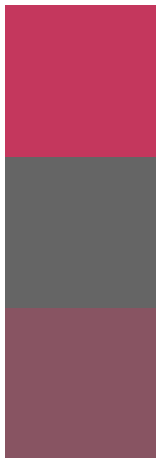
**Original Color**  
C4375D

**Protanomaly**  
8C596F

**Deuteranomaly**  
995759

**Tritanomaly**  
C33B4B

# Monochromacy



**Original Color**  
C4375D

**Achromatopsia**  
656565

**Achromatomaly**  
885462

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C4375D 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 #C4375D looks like.

```
.text, #text, p{  
  color:#C4375D  
}
```

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 #C4375D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4375D }  
}
```

## Border

The CSS property to change the border of an element to Hex C4375D is called "border". The border property can be set on classes, ids or directly on the HTML element.

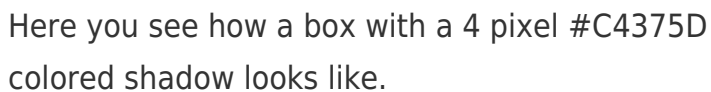
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #C4375D }  
}
```

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

```
.border{ border-color:#C4375D }
```

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



Here you see how a box with a 4 pixel `#C4375D` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4375D; -webkit-box-shadow:4px 4px  
4px 4px #C4375D; box-shadow:4px 4px 4px  
4px #C4375D }
```

# Background

The CSS property to change the background color of an element to Hex C4375D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4375D }
```

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

```
.background{ background-color:#C4375D }
```

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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