

# Converting Colors

Hex(C43387)

Have a look what the booklet for  
Hex(C43387) contains.

<b>Hex(C43387)</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(C43387)**

# Conversions

Conversions Part 1	
Format	Color
Hex	C43387
RGB	196, 51, 135
RGB Percent	77%, 20%, 53%
CMY	0.2314, 0.8000, 0.4706
CMYK	0.00, 0.74, 0.31, 0.23
HSL	325°, 59%, 48%
HSV	325°, 74%, 77%
XYZ	28.3220, 15.8527, 24.4888
YIQ	103.9310, 59.4560, 56.8640

# Conversions

## Conversions Part 2

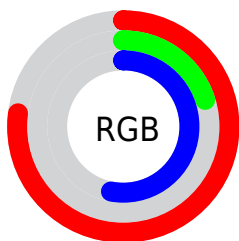
Format	Color
<a href="#">RYB</a>	<a href="#">196, 51, 135</a>
Decimal	<a href="#">12858247</a>
CIELab	<a href="#">46.78, 63.36, -13.39</a>
CIELCh	<a href="#">47, 64.755, 348.071</a>
Yxy	<a href="#">15.8527, 0.4125, 0.2309</a>
Android (android.graphics.Color)	<a href="#">4291048327</a> (0xFFC43387)
YUV	<a href="#">103.9310, 15.3170, 80.7445</a>
Hunter-Lab	<a href="#">39.8154, 57.2956, -8.5960</a>

# Details

The Hex color **C43387** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark muted rose. A complement of this color would be **33C470**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **FF6EBC**, and **8A0055** is the 20% darker color. If you saturate the color by 10%, you get **C41F7F**, and if you desaturate by 10%, it is **C4478F**.

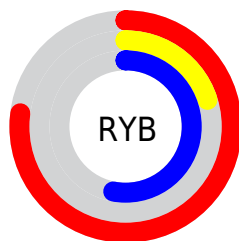
# Distribution



Red (77%)

Green (20%)

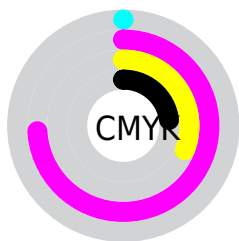
Blue (53%)



Red (77%)

Yellow (20%)

Blue (53%)

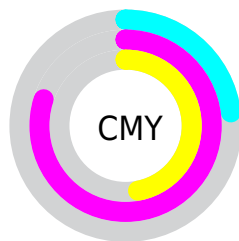


Cyan (0%)

Magenta (74%)

Yellow (31%)

Black (23%)



Cyan (23%)

Magenta (80%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C43387 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 C43387 by changing the saturation by 10% instead.



 C43387

FFFFFF

 FF6EBC

 FF8BD8

 FFA7F5

 FFC4FF

 FFE1FF

 C43387

 A7066E

 8A0055

 6D003E

 510028

 370013

 100000

 000000

 C43387

 C41F7F

 C43387

 C4478F

 C40C77

 C45A97

 C40072

 C46EA0

 C481A8

 C495B0

 C4A9B8

 C4BCC1

 C4D0C9

 C4E3D1

# Harmonies

## Analogous

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



994FB8



C43387



CD3151

# Triad

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



C43387



677600



0084BF

# Complementary

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



C43387



33C470

# 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.



00878F



C43387



18811C

# Square

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



C43387



986500



008657



007CDA

# Rectangle

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



C43387



C4422E



008657



0086B1



# Sweetspot

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



C43387



FFC7E7



6F33C4



805E72



000000



808080



# Same Dimension

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



C43387



FF1CA0



C4333F



61575D



A1005D



210013



# Inverse Universe

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



C43387



FF1CA0



33C4B8



61575D



A1005D



210013



# Previews

## White Background



This preview shows how the Hex color C43387 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



This preview shows how the Hex color C43387 looks on a 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 C43387 Background



This preview shows how black text looks on a background with the Hex color C43387.



This preview shows how white text looks on a background with the Hex color C43387.

# 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**  
C43387

**Protanopia**  
566EB1

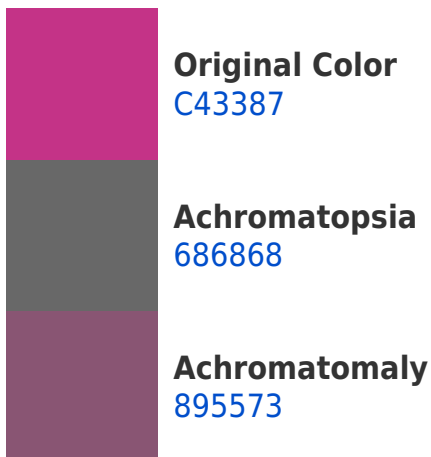
**Deuteranopia**  
736D7F



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C43387 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 #C43387 looks like.

```
.text, #text, p{  
    color:#C43387  
}
```

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 #C43387 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C43387
}
```

## Border

The CSS property to change the border of an element to Hex C43387 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
#C43387 }
```

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

```
.border{ border-color:#C43387 }
```

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

Here you see how a box with a 4 pixel #C43387 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C43387; -webkit-box-shadow:4px 4px  
4px 4px #C43387; box-shadow:4px 4px 4px  
4px #C43387 }
```

# Background

The CSS property to change the background color of an element to Hex C43387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C43387 }
```

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

```
.background{ background-color:#C43387 }
```

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