

# Converting Colors

Hex(C336C6)

Have a look what the booklet for  
Hex(C336C6) contains.

<b>Hex(C336C6)</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(C336C6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C336C6
RGB	195, 54, 198
RGB Percent	76%, 21%, 78%
CMY	0.2353, 0.7882, 0.2235
CMYK	0.02, 0.73, 0.00, 0.22
HSL	299°, 57%, 49%
HSV	299°, 73%, 78%
XYZ	34.0179, 18.3177, 55.1688
YIQ	112.5750, 37.8120, 74.6760

# Conversions

## Conversions Part 2

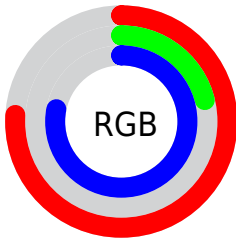
Format	Color
R <sub>Y</sub> B	195, 54, 198
Decimal	12793542
CIE Lab	49.88, 71.04, -45.86
CIE LCh	50, 84.553, 327.155
Yxy	18.3177, 0.3164, 0.1704
Android (android.graphics.Color)	4290983622 (0xFFC336C6)
YUV	112.5750, 42.1145, 72.2867
Hunter-Lab	42.7991, 66.9781, -46.4664

# Details

The Hex color **C336C6** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **39C636**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **FF72FF**, and **89008F** is the 20% darker color. If you saturate the color by 10%, you get **C322C6**, and if you desaturate by 10%, it is **C34AC6**.

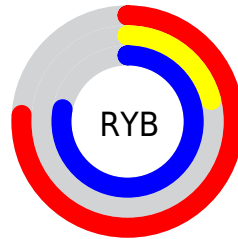
# Distribution



Red (76%)

Green (21%)

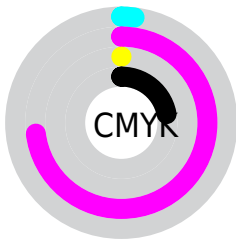
Blue (78%)



Red (76%)

Yellow (21%)

Blue (78%)

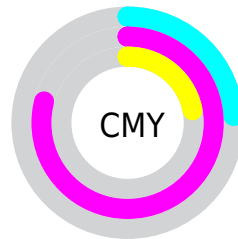


Cyan (2%)

Magenta (73%)

Yellow (0%)

Black (22%)



Cyan (24%)

Magenta (79%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C336C6 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 C336C6 by changing the saturation by 10% instead.



 C336C6

 C336C6

FFFFFF

 A608AA

 FF72FF

 89008F

 FF8FFF

 6D0075

 FFACFF

 51005C

 FFC9FF

 380044

 FFE7FF

 19002C

 000116

 000000

 C336C6

 C336C6

 C322C6

 C34AC6

 C20EC6

 C45EC6

 C200C6

 C471C6

 C585C6

 C599C6

 C5ADC6

 C6C1C6

 C6D4C6

 C7E8C6

# Harmonies

## Analogous

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



5467F9



C336C6



EC0081

# Triad

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



C336C6



977200



0094B7

# Complementary

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



C336C6



39C636

# 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.



00936D



C336C6



4F8500

# Square

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



C336C6



CB5000



008F1C



0090F0

# Rectangle

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



C336C6



EF0052



008F1C



00949F



# Sweetspot

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



C336C6



FEC7FF



363BC6



7F5E80



000000



808080



# Same Dimension

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



C336C6



FA21FF



C63683



635A63



A000A3



230024



# Inverse Universe

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



C63639



FF2126



36C679



635A5A



A30003

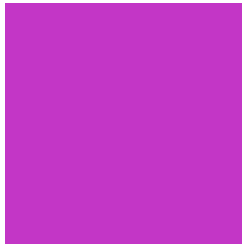


240001



# Previews

## White Background



This preview shows how the Hex color C336C6 looks on a white background.

## Color Contrast Check

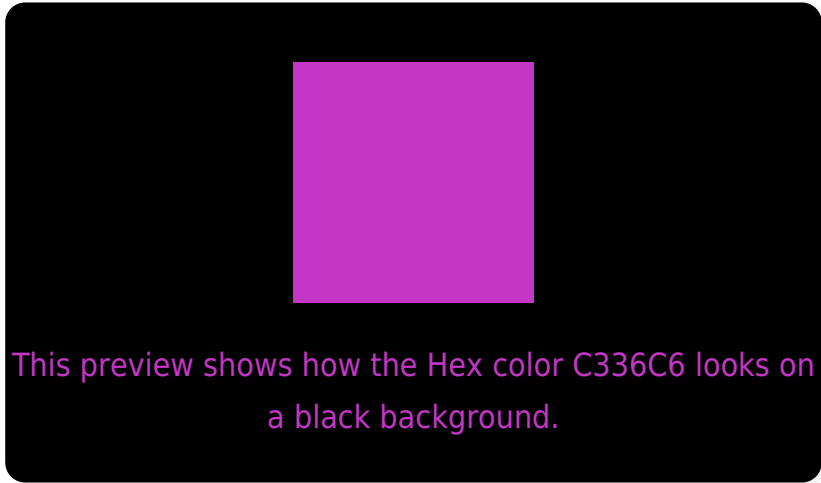
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

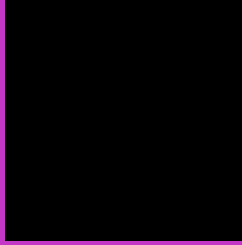
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex C336C6 Background



This preview shows how black text looks on a background with the Hex color C336C6.




This preview shows how white text looks on a background with the Hex color C336C6.

# 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**  
B75A60

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C336C6 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 #C336C6 looks like.

```
.text, #text, p{  
    color:#C336C6  
}
```

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 #C336C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C336C6
}
```

## Border

The CSS property to change the border of an element to Hex C336C6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

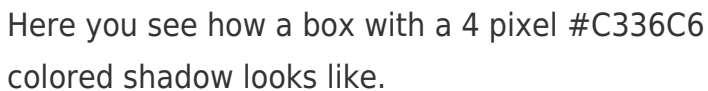
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C336C6 }
```

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

```
.border{ border-color:#C336C6 }
```

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



Here you see how a box with a 4 pixel `#C336C6` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C336C6; -webkit-box-shadow:4px 4px  
4px 4px #C336C6; box-shadow:4px 4px 4px  
4px #C336C6 }
```

# Background

The CSS property to change the background color of an element to Hex C336C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C336C6 }
```

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

```
.background{ background-color:#C336C6 }
```

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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