

Converting Colors

Hex(C40C99)

Have a look what the booklet for
Hex(C40C99) contains.

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Color

Hex(C40C99)

Conversions

Conversions Part 1

Format	Color
Hex	C40C99
RGB	196, 12, 153
RGB Percent	77%, 5%, 60%
CMY	0.2314, 0.9529, 0.4000
CMYK	0.00, 0.94, 0.22, 0.23
HSL	314°, 88%, 41%
HSV	314°, 94%, 77%
XYZ	28.6462, 14.2986, 31.3871
YIQ	83.0900, 64.4030, 82.8590

Conversions

Conversions Part 2

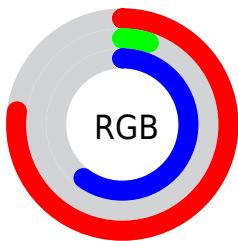
Format	Color
R_{YB}	196, 12, 153
Decimal	12848281
CIE _{Lab}	44.66, 73.77, -27.53
CIE _{LCh}	45, 78.746, 339.533
Yxy	14.2986, 0.3854, 0.1924
Android (android.graphics.Color)	4291038361 (0xFFC40C99)
YUV	83.0900, 34.4656, 99.0221
Hunter-Lab	37.8135, 69.0517, -22.7442

Details

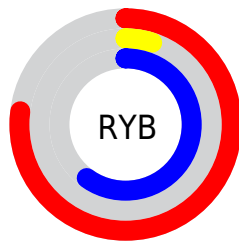
The Hex color **C40C99** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **0CC437**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **FF5BD0**, and **890066** is the 20% darker color. If you saturate the color by 10%, you get **C40096**, and if you desaturate by 10%, it is **C4209E**.

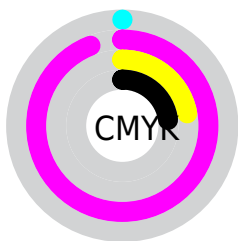
Distribution



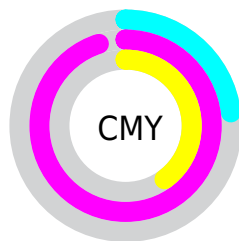
- Red (77%)
- Green (5%)
- Blue (60%)



- Red (77%)
- Yellow (5%)
- Blue (60%)



- Cyan (0%)
- Magenta (94%)
- Yellow (22%)
- Black (23%)



- Cyan (23%)
- Magenta (95%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color C40C99 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 C40C99 by changing the saturation by 10% instead.

 C40C99

 C40C99

FFFFFF

 A6007F

 FF5BD0

 890066

 FF79EC

 6D004D

 FF97FF

 510036

 FFB4FF

 350020

 FFD2FF

 110003

 FFF0FF

 000000

 C40C99

 C40C99

 C40096

 C4209E

 C433A2

 C447A7

 C45AAB

 C46EB0

 C482B4

 C495B9

 C4A9BE

 C4BCC2

Harmonies

Analogous

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



814BD0



C40C99



D80058

Triad

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



C40C99



6F6E00



0084BD

Complementary

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



C40C99



0CC437

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.



00847E



C40C99



147B00

Square

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



C40C99



A55500



008238



007DE6

Rectangle

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



C40C99



D2102E



008238



0084A9

Sweetspot

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



C40C99



FFB8EE



370CC4



805475



000000



808080

Same Dimension

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



C40C99



FF00C3



C40C3D



61575F



A1007B



210019

Inverse Universe

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



C40C99



FF00C3



0CC493



61575F



A1007B



210019

Previews

White Background



This preview shows how the Hex color C40C99 looks on a white background.

Color Contrast Check

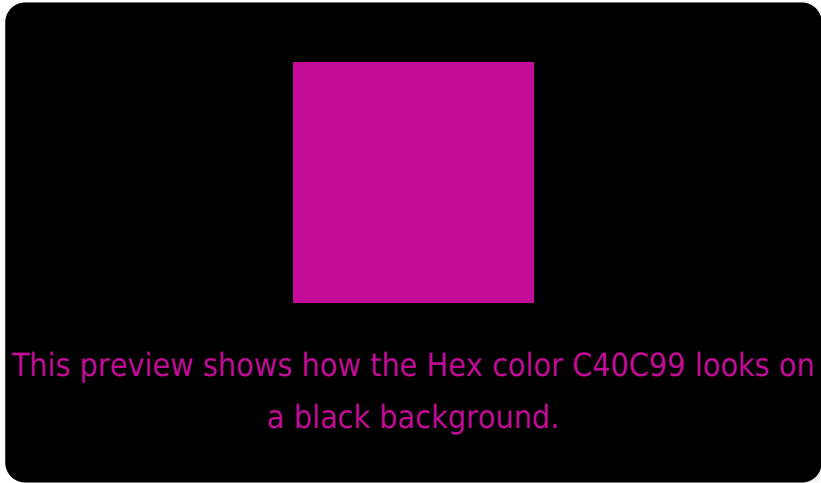
Large Text (above 18pt) WCAG AA ✓ Pass

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

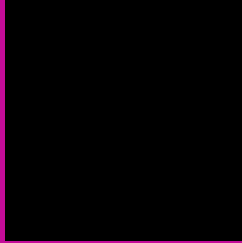
Any Text WCAG AA × Fail

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 C40C99 Background



This preview shows how black text looks on a background with the Hex color C40C99.



This preview shows how white text looks on a background with the Hex color C40C99.

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



Trichromacy



Original Color
C40C99



Protanomaly
5946C1



Deuteranomaly
864893



Tritanomaly
C02B60

Monochromacy



Original Color
C40C99



Achromatopsia
535353



Achromatomaly
7C396C

CSS Examples

Text

The CSS property to change the color of the text to Hex C40C99 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 #C40C99 looks like.

```
.text, #text, p{  
    color:#C40C99  
}
```

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 #C40C99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C40C99
}
```

Border

The CSS property to change the border of an element to Hex C40C99 is called "border". The border property can be set on classes, ids or directly on the HTML element.

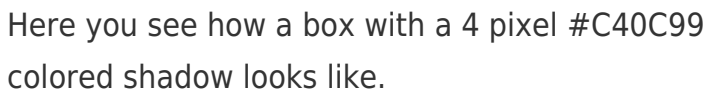
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C40C99 }
```

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

```
.border{ border-color:#C40C99 }
```

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



Here you see how a box with a 4 pixel `#C40C99` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C40C99; -webkit-box-shadow:4px 4px  
4px 4px #C40C99; box-shadow:4px 4px 4px  
4px #C40C99 }
```

Background

The CSS property to change the background color of an element to Hex C40C99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C40C99 }
```

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

```
.background{ background-color:#C40C99 }
```

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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