

Converting Colors

Hex(C40C94)

Have a look what the booklet for
Hex(C40C94) contains.

Hex(C40C94)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(C40C94)

Conversions

Conversions Part 1

Format	Color
Hex	C40C94
RGB	196, 12, 148
RGB Percent	77%, 5%, 58%
CMY	0.2314, 0.9529, 0.4196
CMYK	0.00, 0.94, 0.24, 0.23
HSL	316°, 88%, 41%
HSV	316°, 94%, 77%
XYZ	28.2417, 14.1368, 29.2571
YIQ	82.5200, 66.0080, 81.3040

Conversions

Conversions Part 2

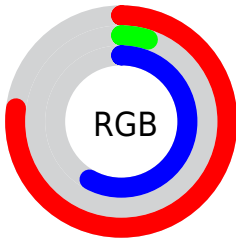
Format	Color
R_{YB}	196, 12, 148
Decimal	12848276
CIE _{Lab}	44.43, 73.18, -24.87
CIE _{LCh}	44, 77.291, 341.229
Yxy	14.1368, 0.3942, 0.1973
Android (android.graphics.Color)	4291038356 (0xFFC40C94)
YUV	82.5200, 32.2816, 99.5220
Hunter-Lab	37.5990, 68.2785, -19.8165

Details

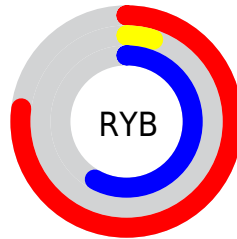
The Hex color **C40C94** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **0CC43C**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **FF5BCA**, and **890061** is the 20% darker color. If you saturate the color by 10%, you get **C40091**, and if you desaturate by 10%, it is **C42099**.

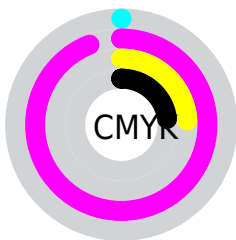
Distribution



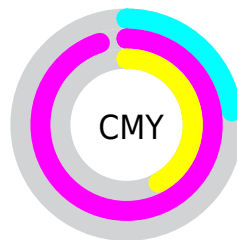
- Red (77%)
- Green (5%)
- Blue (58%)



- Red (77%)
- Yellow (5%)
- Blue (58%)



- Cyan (0%)
- Magenta (94%)
- Yellow (24%)
- Black (23%)



- Cyan (23%)
- Magenta (95%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color C40C94 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 C40C94 by changing the saturation by 10% instead.

 C40C94

 C40C94

FFFFFF

 A6007A

 FF5BCA

 890061

 FF79E7

 6C0049

 FF96FF

 500032

 FFB4FF

 35001D

 FFD1FF

 0F0000

 FFEFFF

 000000

 C40C94

 C40C94

 C40091

 C42099

 C4339E

 C447A3

 C45AA8

 C46EAE

 C482B3

 C495B8

 C4A9BD

 C4BCC2

Harmonies

Analogous

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



8649CB



C40C94



D60054

Triad

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



C40C94



6B6E00



0083BD

Complementary

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



C40C94



0CC43C

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.



008381



C40C94



097B00

Square

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



C40C94



A05600



00813C



007CE4

Rectangle

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



C40C94



CF1A2B



00813C



0083AB

Sweetspot

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



C40C94



FFB8EC



3A0CC4



805474



000000



808080

Same Dimension

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



C40C94



FF00BC



C40C3A



61575E



A10077



210019

Inverse Universe

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



C40C94



FF00BC



0CC496



61575E



A10077



210019

Previews

White Background



This preview shows how the Hex color C40C94 looks on a white background.

Color Contrast Check

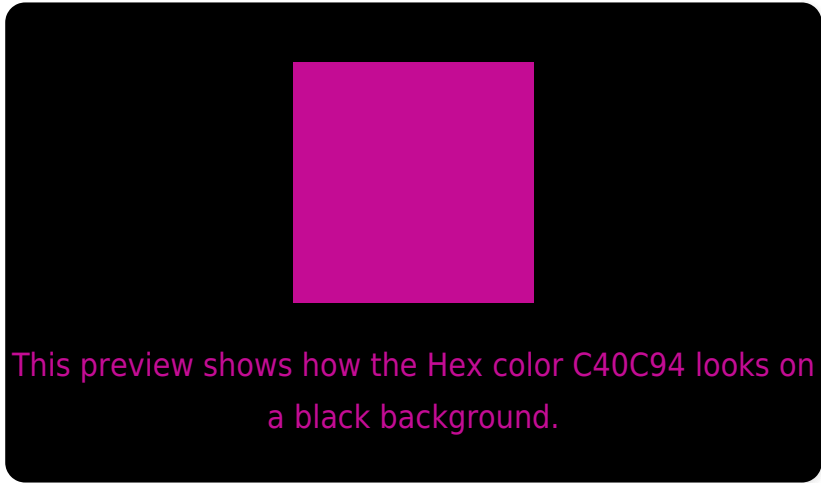
Large Text (above 18pt) WCAG AA ✓ Pass

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 C40C94 Background



This preview shows how black text looks on a background with the Hex color C40C94.



This preview shows how white text looks on a background with the Hex color C40C94.

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
BD3B3E

Trichromacy



Original Color
C40C94



Protanomaly
6146BB



Deuteranomaly
87478E



Tritanomaly
C02A5D

Monochromacy



Original Color
C40C94



Achromatopsia
535353



Achromatomaly
7C396B

CSS Examples

Text

The CSS property to change the color of the text to Hex C40C94 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 #C40C94 looks like.

```
.text, #text, p{  
    color:#C40C94  
}
```

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 #C40C94 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C40C94
}
```

Border

The CSS property to change the border of an element to Hex C40C94 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
#C40C94 }
```

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

```
.border{ border-color:#C40C94 }
```

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

Here you see how a box with a 4 pixel #C40C94 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C40C94; -webkit-box-shadow:4px 4px  
4px 4px #C40C94; box-shadow:4px 4px 4px  
4px #C40C94 }
```

Background

The CSS property to change the background color of an element to Hex C40C94 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C40C94 }
```

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

```
.background{ background-color:#C40C94 }
```

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