

Converting Colors

Hex(C40C7A)

Have a look what the booklet for
Hex(C40C7A) contains.

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Color

Hex(C40C7A)

Conversions

Conversions Part 1

Format	Color
Hex	C40C7A
RGB	196, 12, 122
RGB Percent	77%, 5%, 48%
CMY	0.2314, 0.9529, 0.5216
CMYK	0.00, 0.94, 0.38, 0.23
HSL	324°, 88%, 41%
HSV	324°, 94%, 77%
XYZ	26.4093, 13.4038, 19.6076
YIQ	79.5560, 74.3540, 73.2180

Conversions

Conversions Part 2

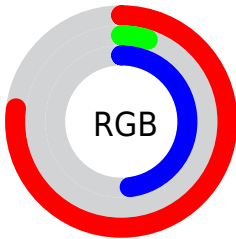
Format	Color
R_{YB}	196, 12, 122
Decimal	12848250
CIE Lab	43.37, 70.38, -10.59
CIE LCh	43, 71.175, 351.446
Yxy	13.4038, 0.4444, 0.2256
Android (android.graphics.Color)	4291038330 (0xFFC40C7A)
YUV	79.5560, 20.9249, 102.1214
Hunter-Lab	36.6113, 64.6900, -6.1256

Details

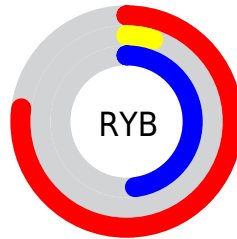
The Hex color **C40C7A** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark washed rose. A complement of this color would be **0CC456**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **FF5AAE**, and **880049** is the 20% darker color. If you saturate the color by 10%, you get **C40075**, and if you desaturate by 10%, it is **C42082**.

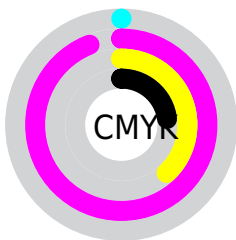
Distribution



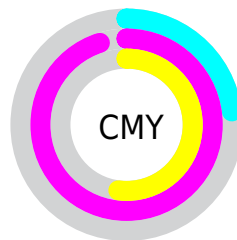
- Red (77%)
- Green (5%)
- Blue (48%)



- Red (77%)
- Yellow (5%)
- Blue (48%)



- Cyan (0%)
- Magenta (94%)
- Yellow (38%)
- Black (23%)



- Cyan (23%)
- Magenta (95%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color C40C7A 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 C40C7A by changing the saturation by 10% instead.

 C40C7A

 C40C7A

FFFFFF

 A60061

 FF5AAE

 880049

 FF78CA

 6B0033

 FF95E6

 4F001E

 FFB2FF

 330002

 FFCFFF

 000000

 FFEDFF

 C40C7A

 C40C7A

 C40075

 C42082

 C4338A

 C44792

 C45A9A

 C46EA1

 C482A9

 C495B1

 C4A9B9

 C4BCC1

Harmonies

Analogous

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



9A3DB1



C40C7A



CA1540

Triad

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



C40C7A



557000



007DC3

Complementary

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



C40C7A



0CC456

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.



007F90



C40C7A



007A0D

Square

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



C40C7A



8B5E00



007E53



0073DD

Rectangle

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



C40C7A



BD3419



007E53



007EB4

Sweetspot

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



C40C7A



FFB8E2



560CC4



80546E



000000



808080

Same Dimension

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



C40C7A



FF0098



C40C1E



61575D



A10060



210014

Inverse Universe

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



C40C7A



FF0098



0CC4B2



61575D



A10060



210014

Previews

White Background



This preview shows how the Hex color C40C7A looks on a white background.

Color Contrast Check

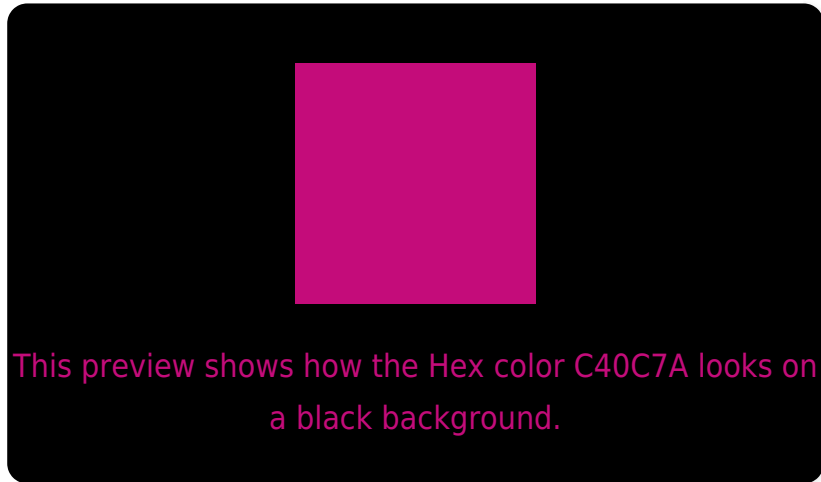
Large Text (above 18pt) WCAG AA ✓ Pass

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 C40C7A Background



This preview shows how black text looks on a background with the Hex color C40C7A.




This preview shows how white text looks on a background with the Hex color C40C7A.

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
C03133

Trichromacy



Original Color
C40C7A



Protanomaly
76459B



Deuteranomaly
8D4574



Tritanomaly
C1244D

Monochromacy



Original Color
C40C7A



Achromatopsia
505050



Achromatomaly
7A375F

CSS Examples

Text

The CSS property to change the color of the text to Hex C40C7A 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 #C40C7A looks like.

```
.text, #text, p{  
    color:#C40C7A  
}
```

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 #C40C7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C40C7A
}
```

Border

The CSS property to change the border of an element to Hex C40C7A 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
#C40C7A }
```

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

```
.border{ border-color:#C40C7A }
```

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

Here you see how a box with a 4 pixel #C40C7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C40C7A; -webkit-box-shadow:4px 4px  
4px 4px #C40C7A; box-shadow:4px 4px 4px  
4px #C40C7A }
```

Background

The CSS property to change the background color of an element to Hex C40C7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C40C7A }
```

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

```
.background{ background-color:#C40C7A }
```

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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