

# Converting Colors

Hex(C40172)

Have a look what the booklet for  
Hex(C40172) contains.

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**Color**

**Hex(C40172)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C40172
RGB	196, 1, 114
RGB Percent	77%, 0%, 45%
CMY	0.2314, 0.9961, 0.5529
CMYK	0.00, 0.99, 0.42, 0.23
HSL	325°, 99%, 39%
HSV	325°, 99%, 77%
XYZ	25.8131, 12.9724, 17.0630
YIQ	72.1870, 79.9470, 76.4830

# Conversions

## Conversions Part 2

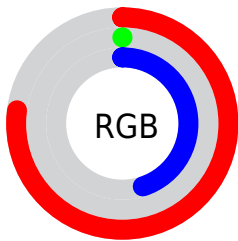
<b>Format</b>	<b>Color</b>
<b>RYB</b>	196, 1, 114
Decimal	12845426
CIELab	42.72, 70.68, -6.58
CIELCh	43, 70.991, 354.679
Yxy	12.9724, 0.4622, 0.2323
Android (android.graphics.Color)	4291035506 (0xFFC40172)
YUV	72.1870, 20.6138, 108.5840
Hunter-Lab	36.0172, 64.8987, -2.8764

# Details

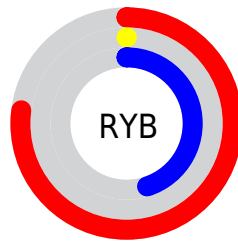
The Hex color **C40172** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **01C453**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **FF57A6**, and **880042** is the 20% darker color. If you saturate the color by 10%, you get **C40072**, and if you desaturate by 10%, it is **C4157A**.

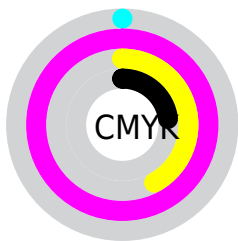
# Distribution



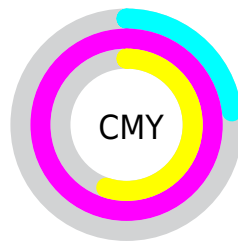
- Red (77%)
- Green (0%)
- Blue (45%)



- Red (77%)
- Yellow (0%)
- Blue (45%)



- Cyan (0%)
- Magenta (99%)
- Yellow (42%)
- Black (23%)



- Cyan (23%)
- Magenta (100%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C40172 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 C40172 by changing the saturation by 10% instead.



 C40172

 C40172

FFFFFF

 A6005A

 FF57A6

 880042

 FF75C1

 6B002C

 FF92DD

 4E0018

 FFAFF9

 310002

 FFCDFE

 000000

 FFE8FF

 C40172

 C40172

 C40072

 C4157A

 C42882

 C43C8B

 C44F93

 C4639B

 C477A3

 C48AAC

 C49EB4

 C4B1BC

# Harmonies

## Analogous

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



9F37AA



C40172



C61838

# Triad

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



C40172



4C7000



007AC5

# Complementary

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



C40172



01C453

# 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.



007D95



C40172



007916

# Square

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



C40172



845F00



007D58



0070DB

# Rectangle

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



C40172



B8370F



007D58



007CB7



# Sweetspot

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



C40172



FFB3DF



5201C4



80526C



000000



808080



# Same Dimension

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



C40172



FF0094



C40111



61575D



A1005D



210013



# Inverse Universe

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



C40172



FF0094



01C4B4



61575D



A1005D



210013



# Previews

## White Background



This preview shows how the Hex color C40172 looks on a white background.

## Color Contrast Check

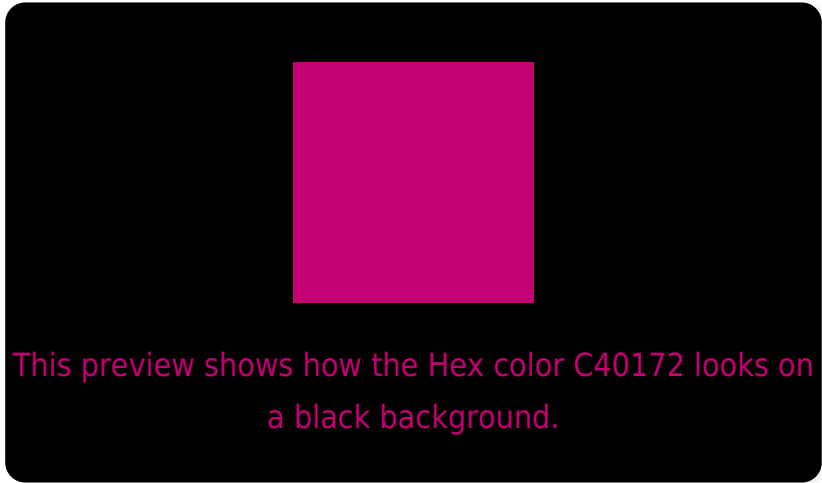
Large Text (above 18pt) WCAG AA ✓ Pass

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 C40172 Background



This preview shows how black text looks on a background with the Hex color C40172.

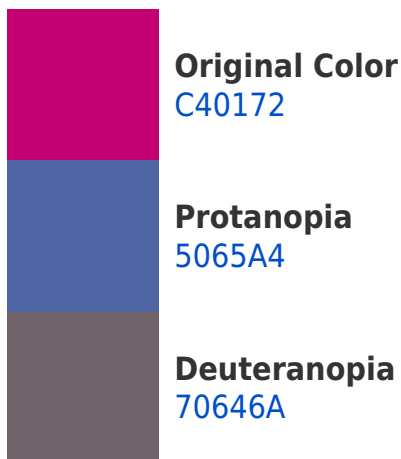


This preview shows how white text looks on a background with the Hex color C40172.

# 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**  
C40172



**Protanomaly**  
7A4192



**Deuteranomaly**  
8F406D

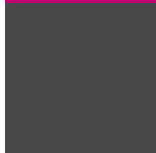


**Tritanomaly**  
C11D47

# Monochromacy



**Original Color**  
C40172



**Achromatopsia**  
484848



**Achromatomaly**  
752E57

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C40172 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 #C40172 looks like.

```
.text, #text, p{  
    color:#C40172  
}
```

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 #C40172 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C40172
}
```

## Border

The CSS property to change the border of an element to Hex C40172 is called "border". The border property can be set on classes, ids or directly on the HTML element.

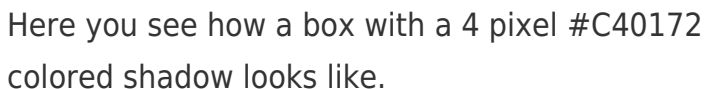
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C40172 }
```

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

```
.border{ border-color:#C40172 }
```

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



Here you see how a box with a 4 pixel #C40172 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C40172; -webkit-box-shadow:4px 4px  
4px 4px #C40172; box-shadow:4px 4px 4px  
4px #C40172 }
```

# Background

The CSS property to change the background color of an element to Hex C40172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C40172 }
```

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

```
.background{ background-color:#C40172 }
```

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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