

Converting Colors

Hex(C40052)

Have a look what the booklet for
Hex(C40052) contains.

Hex(C40052)	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(C40052)

Conversions

Conversions Part 1

Format	Color
Hex	C40052
RGB	196, 0, 82
RGB Percent	77%, 0%, 32%
CMY	0.2314, 1.0000, 0.6784
CMYK	0.00, 1.00, 0.58, 0.23
HSL	335°, 100%, 38%
HSV	335°, 100%, 77%
XYZ	24.2879, 12.3450, 9.0853
YIQ	67.9520, 90.4940, 67.0540

Conversions

Conversions Part 2

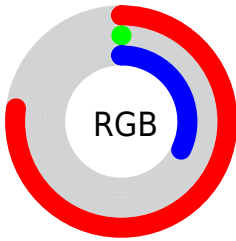
Format	Color
RYB	196, 0, 82
Decimal	12845138
CIELab	41.76, 68.33, 12.19
CIElCh	42, 69.405, 10.115
Yxy	12.3450, 0.5313, 0.2700
Android (android.graphics.Color)	4291035218 (0xFFC40052)
YUV	67.9520, 6.9257, 112.2981
Hunter-Lab	35.1354, 61.9042, 9.2635

Details

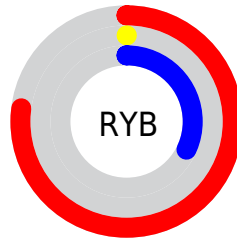
The Hex color **C40052** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed red. A complement of this color would be **00C472**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **FF5583**, and **870026** is the 20% darker color. If you saturate the color by 10%, you get **C40052**, and if you desaturate by 10%, it is **C4145D**.

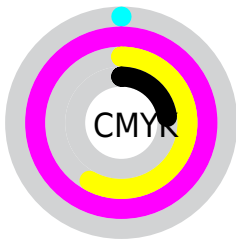
Distribution



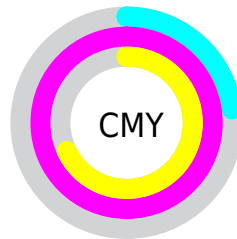
- Red (77%)
- Green (0%)
- Blue (32%)



- Red (77%)
- Yellow (0%)
- Blue (32%)



- Cyan (0%)
- Magenta (100%)
- Yellow (58%)
- Black (23%)



- Cyan (23%)
- Magenta (100%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color C40052 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 C40052 by changing the saturation by 10% instead.

 C40052

 C40052

FFFFFF

 A5003B

 FF5583

 870026

 FF739D

 680012

 FF90B8

 4C0003

 FFADD3

 2D0001

 FFCBF0

 000000

 FFE8FF

 C40052

 C4145D

 C42769

 C43B74

 C44E80

 C4628B

 C47696

 C489A2

 C49DAD

 C4B0B9

Harmonies

Analogous

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



B21F8B



C40052



B8301A

Triad

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



C40052



1F7200



0073CF

Complementary

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



C40052



00C472

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.



007AAC



C40052



007839

Square

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



C40052



676600



007A75



0064D5

Rectangle

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



C40052



A34800



007A75



0076C6

Sweetspot

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



C40052



FFB3D3



6F00C4



805265



000000



808080

Same Dimension

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



C40052



FF006B



C40D00



61575B



A10043



21000E

Inverse Universe

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



C40052



FF006B



00B7C4



61575B



A10043



21000E

Previews

White Background



This preview shows how the Hex color C40052 looks on a white background.

Color Contrast Check

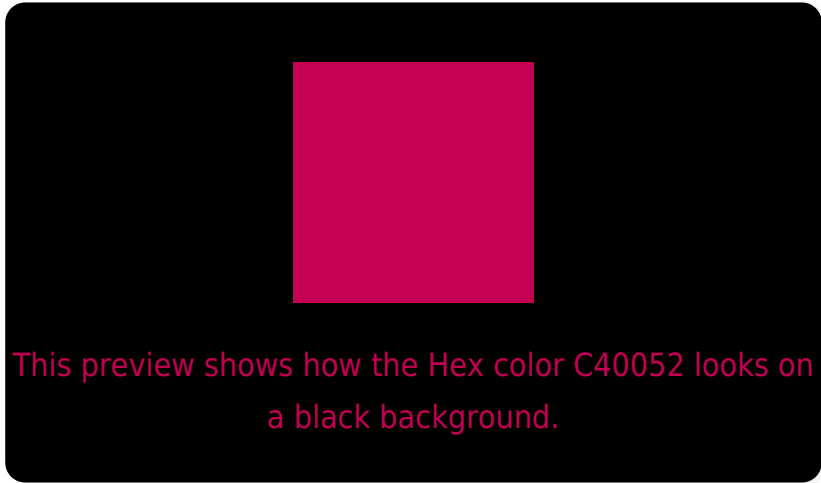
Large Text (above 18pt) WCAG AA ✓ Pass

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 C40052 Background



This preview shows how black text looks on a background with the Hex color C40052.



This preview shows how white text looks on a background with the Hex color C40052.

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



Original Color
C40052

Protanopia
616477

Deuteranopia
77614A

Trichromacy



Original Color
C40052



Protanomaly
85406A



Deuteranomaly
933E4D

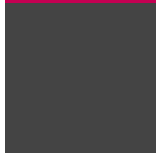


Tritanomaly
C31532

Monochromacy



Original Color
C40052



Achromatopsia
444444



Achromatomaly
732B49

CSS Examples

Text

The CSS property to change the color of the text to Hex C40052 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 #C40052 looks like.

```
.text, #text, p{  
    color:#C40052  
}
```

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 #C40052 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C40052
}
```

Border

The CSS property to change the border of an element to Hex C40052 is called "border". The border property can be set on classes, ids or directly on the HTML element.

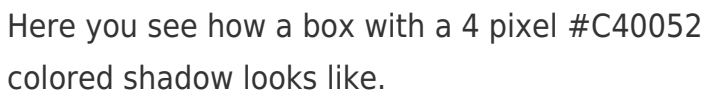
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C40052 }
```

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

```
.border{ border-color:#C40052 }
```

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



Here you see how a box with a 4 pixel `#C40052` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C40052; -webkit-box-shadow:4px 4px  
4px 4px #C40052; box-shadow:4px 4px 4px  
4px #C40052 }
```

Background

The CSS property to change the background color of an element to Hex C40052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C40052 }
```

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

```
.background{ background-color:#C40052 }
```

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