

# Converting Colors

Hex(C40348)

Have a look what the booklet for  
Hex(C40348) contains.

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**Color**

**Hex(C40348)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C40348
RGB	196, 3, 72
RGB Percent	77%, 1%, 28%
CMY	0.2314, 0.9882, 0.7176
CMYK	0.00, 0.98, 0.63, 0.23
HSL	339°, 97%, 39%
HSV	339°, 98%, 77%
XYZ	23.9672, 12.2688, 7.2358
YIQ	68.5730, 92.8790, 62.3750

# Conversions

## Conversions Part 2

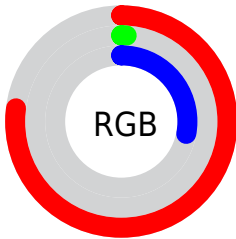
<b>Format</b>	<b>Color</b>
<b>RYB</b>	196, 3, 72
Decimal	12845896
CIELab	41.64, 67.44, 18.37
CIELCh	42, 69.894, 15.238
Yxy	12.2688, 0.5513, 0.2822
Android (android.graphics.Color)	4291035976 (0xFFC40348)
YUV	68.5730, 1.6895, 111.7535
Hunter-Lab	35.0268, 60.8424, 12.2707

# Details

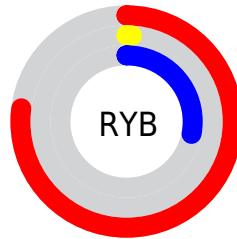
The Hex color **C40348** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed red. A complement of this color would be **03C47F**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **FF5678**, and **86001E** is the 20% darker color. If you saturate the color by 10%, you get **C40046**, and if you desaturate by 10%, it is **C41755**.

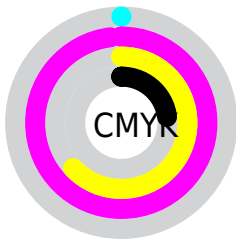
# Distribution



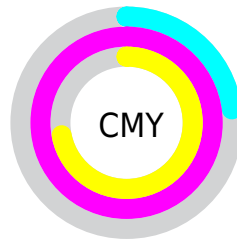
- Red (77%)
- Green (1%)
- Blue (28%)



- Red (77%)
- Yellow (1%)
- Blue (28%)



- Cyan (0%)
- Magenta (98%)
- Yellow (63%)
- Black (23%)



- Cyan (23%)
- Magenta (99%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C40348 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 C40348 by changing the saturation by 10% instead.



 C40348

 C40348

FFFFFF

 A50032

 FF5678

 86001E

 FF7392

 680004

 FF90AC

 4B0003

 FFADC7

 2C0001

 FFCBE3

 000000

 FFE8FF

 C40348

 C40348

 C40046

 C41755

 C42A61

 C43E6E

 C4517A

 C46587

 C47994

 C48CA0

 C4A0AD

 C4B3B9

# Harmonies

## Analogous

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



B81381



C40348



B3360D

# Triad

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



C40348



007300



0071D3

# Complementary

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



C40348



03C47F

# 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.



0079B4



C40348



007943

# Square

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



C40348



5D6900



007A7F



0060D3

# Rectangle

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



C40348



9D4C00



007A7F



0075CC



# Sweetspot

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



C40348



FFB3CE



7D03C4



805262



000000



808080



# Same Dimension

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



C40348



FF005B



C41D03



61575B



A10039



21000C



# Inverse Universe

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



C40348



FF005B



03AAC4



61575B



A10039



21000C



# Previews

## White Background



This preview shows how the Hex color C40348 looks on a white background.

## Color Contrast Check

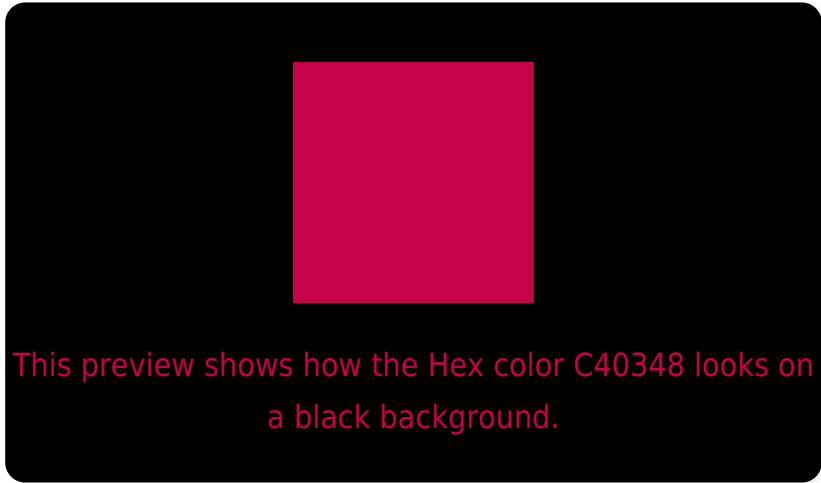
Large Text (above 18pt) WCAG AA ✓ Pass

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 C40348 Background



This preview shows how black text looks on a background with the Hex color C40348.

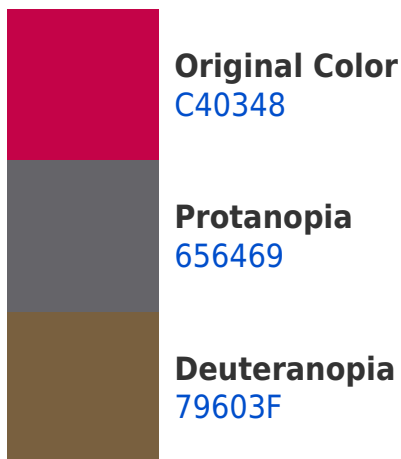


This preview shows how white text looks on a background with the Hex color C40348.

# 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**  
C31D1B

# Trichromacy



**Original Color**  
C40348



**Protanomaly**  
88415D



**Deuteranomaly**  
943E42



**Tritanomaly**  
C3142B

# Monochromacy



**Original Color**  
C40348



**Achromatopsia**  
454545



**Achromatomaly**  
732D46

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C40348 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 #C40348 looks like.

```
.text, #text, p{  
    color:#C40348  
}
```

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 #C40348 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C40348
}
```

## Border

The CSS property to change the border of an element to Hex C40348 is called "border". The border property can be set on classes, ids or directly on the HTML element.

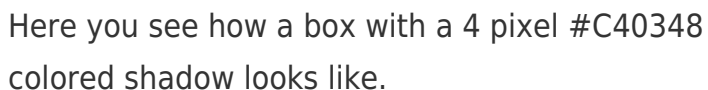
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C40348 }
```

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

```
.border{ border-color:#C40348 }
```

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



Here you see how a box with a 4 pixel #C40348 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C40348; -webkit-box-shadow:4px 4px  
4px 4px #C40348; box-shadow:4px 4px 4px  
4px #C40348 }
```

# Background

The CSS property to change the background color of an element to Hex C40348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C40348 }
```

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

```
.background{ background-color:#C40348 }
```

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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