

# Converting Colors

Hex(C40C65)

Have a look what the booklet for  
Hex(C40C65) contains.

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**Color**

**Hex(C40C65)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C40C65
RGB	196, 12, 101
RGB Percent	77%, 5%, 40%
CMY	0.2314, 0.9529, 0.6039
CMYK	0.00, 0.94, 0.48, 0.23
HSL	331°, 88%, 41%
HSV	331°, 94%, 77%
XYZ	25.2454, 12.9383, 13.4787
YIQ	77.1620, 81.0950, 66.6870

# Conversions

## Conversions Part 2

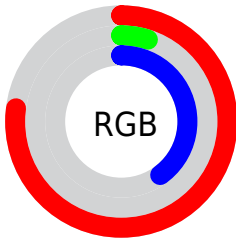
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	196, 12, 101
Decimal	12848229
CIE <sub>Lab</sub>	42.67, 68.52, 1.48
CIE <sub>LCh</sub>	43, 68.531, 1.237
Yxy	12.9383, 0.4887, 0.2504
Android (android.graphics.Color)	4291038309 (0xFFC40C65)
YUV	77.1620, 11.7521, 104.2209
Hunter-Lab	35.9698, 62.3328, 2.9616

# Details

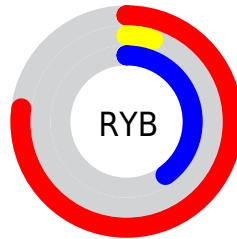
The Hex color **C40C65** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **0CC46B**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **FF5998**, and **880037** is the 20% darker color. If you saturate the color by 10%, you get **C4005F**, and if you desaturate by 10%, it is **C4206F**.

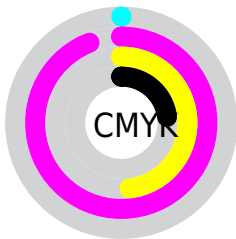
# Distribution



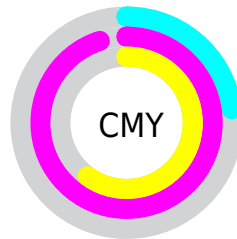
- Red (77%)
- Green (5%)
- Blue (40%)



- Red (77%)
- Yellow (5%)
- Blue (40%)



- Cyan (0%)
- Magenta (94%)
- Yellow (48%)
- Black (23%)



- Cyan (23%)
- Magenta (95%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C40C65 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 C40C65 by changing the saturation by 10% instead.



 C40C65

 C40C65

FFFFFF

 A6004D

 FF5998

 880037

 FF77B2

 6A0022

 FF94CE

 4E000A

 FFB1EA

 300002

 FFCEFF

 000000

 FFECFF

 C40C65

 C40C65

 C4005F

 C4206F

 C43379

 C44783

 C45A8D

 C46E98

 C482A2

 C495AC

 C4A9B6

 C4BCC0

# Harmonies

## Analogous

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



A8319C



C40C65



C0282E

# Triad

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



C40C65



3E7200



0078C9

# Complementary

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



C40C65



0CC46B

# 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.



007C9E



C40C65



007929

# Square

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



C40C65



796300



007C66



006CD8

# Rectangle

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



C40C65



B04101



007C66



007ABD



# Sweetspot

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



C40C65



FFB8DA



680CC4



805469



000000



808080



# Same Dimension

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



C40C65



FF007B



C40C0C



61575C



A1004E



210010



# Inverse Universe

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



C40C65



FF007B



0CC4C4



61575C



A1004E



210010



# Previews

## White Background



This preview shows how the Hex color C40C65 looks on a white background.

## Color Contrast Check

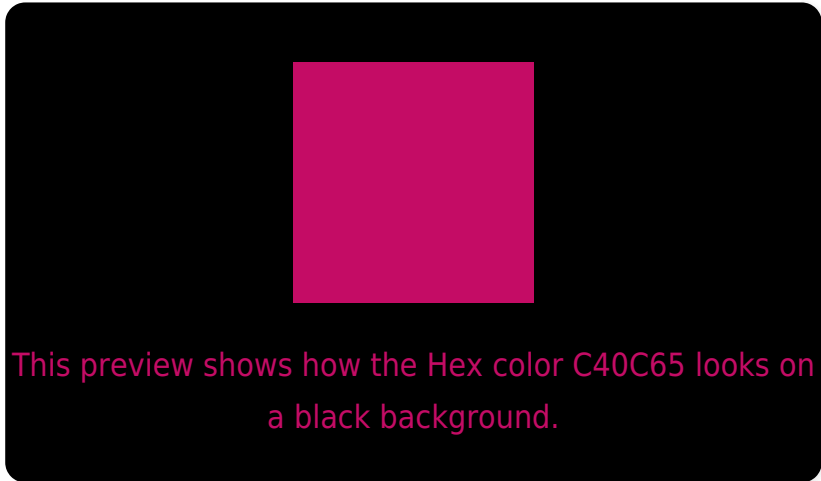
Large Text (above 18pt) WCAG AA ✓ Pass

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 C40C65 Background



This preview shows how black text looks on a background with the Hex color C40C65.



This preview shows how white text looks on a background with the Hex color C40C65.

# 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**  
C40C65



**Protanomaly**  
804581



**Deuteranomaly**  
914360



**Tritanomaly**  
C21E3F

# Monochromacy



**Original Color**  
C40C65



**Achromatopsia**  
4D4D4D



**Achromatomaly**  
783556

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C40C65 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 #C40C65 looks like.

```
.text, #text, p{  
    color:#C40C65  
}
```

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 #C40C65 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C40C65
}
```

## Border

The CSS property to change the border of an element to Hex C40C65 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
#C40C65 }
```

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

```
.border{ border-color:#C40C65 }
```

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

Here you see how a box with a 4 pixel #C40C65 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C40C65; -webkit-box-shadow:4px 4px  
4px 4px #C40C65; box-shadow:4px 4px 4px  
4px #C40C65 }
```

# Background

The CSS property to change the background color of an element to Hex C40C65 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C40C65 }
```

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

```
.background{ background-color:#C40C65 }
```

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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