

# Converting Colors

Hex(C30B67)

Have a look what the booklet for  
Hex(C30B67) contains.

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# Color

**Hex(C30B67)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C30B67
RGB	195, 11, 103
RGB Percent	76%, 4%, 40%
CMY	0.2353, 0.9569, 0.5961
CMYK	0.00, 0.94, 0.47, 0.24
HSL	330°, 89%, 40%
HSV	330°, 94%, 76%
XYZ	25.0735, 12.8207, 13.9851
YIQ	76.5040, 80.1320, 67.6200

# Conversions

## Conversions Part 2

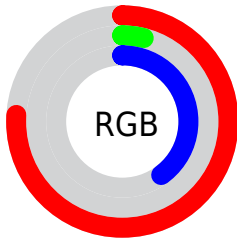
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	195, 11, 103
Decimal	12782439
CIE Lab	42.49, 68.55, -0.06
CIE LCh	42, 68.553, 359.949
Yxy	12.8207, 0.4833, 0.2471
Android (android.graphics.Color)	4290972519 (0xFFC30B67)
YUV	76.5040, 13.0625, 103.9210
Hunter-Lab	35.8060, 62.3358, 1.9068

# Details

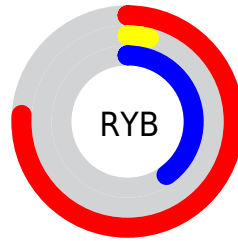
The Hex color **C30B67** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **0BC367**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **FF599A**, and **870038** is the 20% darker color. If you saturate the color by 10%, you get **C30062**, and if you desaturate by 10%, it is **C31E71**.

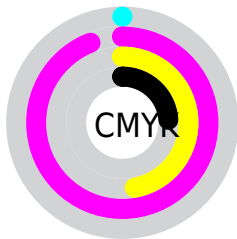
# Distribution



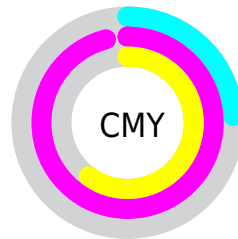
- Red (76%)
- Green (4%)
- Blue (40%)



- Red (76%)
- Yellow (4%)
- Blue (40%)



- Cyan (0%)
- Magenta (94%)
- Yellow (47%)
- Black (24%)



- Cyan (24%)
- Magenta (96%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C30B67 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 C30B67 by changing the saturation by 10% instead.



 C30B67

 C30B67

FFFFFF

 A5004F

 FF599A

 870038

 FF76B5

 690023

 FF93D0

 4D000D

 FFB0EC

 2F0002

 FFCEFF

 000000

 FFE8FF

 C30B67

 C30B67

 C30062

 C31E71

 C3327A

 C34584

 C3598E

 C36D98

 C380A1

 C393AB

 C3A7B5

 C3BABF

# Harmonies

## Analogous

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



A6329E



C30B67



C02630

# Triad

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



C30B67



417100



0078C7

# Complementary

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



C30B67



0BC367

# 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.



007C9C



C30B67



007826

# Square

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



C30B67



7B6200



007C63



006CD7

# Rectangle

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



C30B67



B03F04



007C63



007ABB



# Sweetspot

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



C30B67



FCB6D9



670BC3



80546A



000000



808080



# Same Dimension

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



C30B67



FC007E



C30B0B



61575C



A10050



210011



# Inverse Universe

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



C30B67



FC007E



0BC3C3



61575C



A10050



210011



# Previews

## White Background



This preview shows how the Hex color C30B67 looks on a white background.

## Color Contrast Check

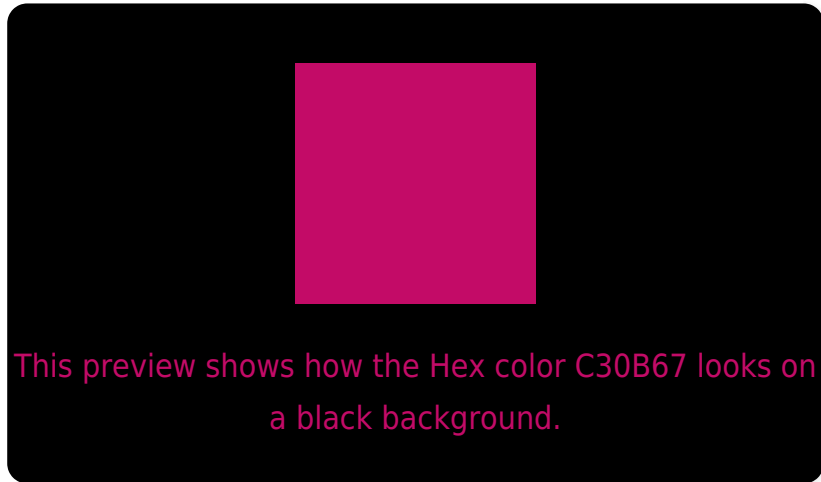
Large Text (above 18pt) WCAG AA ✓ Pass

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 C30B67 Background



This preview shows how black text looks on a background with the Hex color C30B67.



This preview shows how white text looks on a background with the Hex color C30B67.

# Color Blindness Simulation

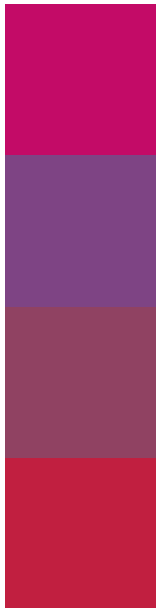
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**  
C30B67

**Protanomaly**  
7E4484

**Deuteranomaly**  
904262

**Tritanomaly**  
C11F40

# Monochromacy



**Original Color**  
C30B67

**Achromatopsia**  
4D4D4D

**Achromatomaly**  
783556

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C30B67 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 #C30B67 looks like.

```
.text, #text, p{  
    color:#C30B67  
}
```

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 #C30B67 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C30B67
}
```

## Border

The CSS property to change the border of an element to Hex C30B67 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
#C30B67 }
```

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

```
.border{ border-color:#C30B67 }
```

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

Here you see how a box with a 4 pixel #C30B67 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C30B67; -webkit-box-shadow:4px 4px  
4px 4px #C30B67; box-shadow:4px 4px 4px  
4px #C30B67 }
```

# Background

The CSS property to change the background color of an element to Hex C30B67 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C30B67 }
```

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

```
.background{ background-color:#C30B67 }
```

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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