

# Converting Colors

Hex(C34F75)

Have a look what the booklet for  
Hex(C34F75) contains.

<b>Hex(C34F75)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(C34F75)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C34F75
RGB	195, 79, 117
RGB Percent	76%, 31%, 46%
CMY	0.2353, 0.6902, 0.5412
CMYK	0.00, 0.59, 0.40, 0.24
HSL	340°, 49%, 54%
HSV	340°, 59%, 76%
XYZ	28.5125, 18.4784, 18.8935
YIQ	118.0160, 56.9380, 36.4100

# Conversions

## Conversions Part 2

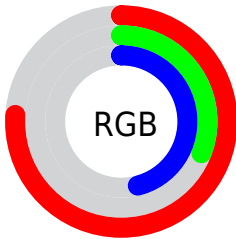
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	195, 79, 117
Decimal	12799861
CIE <sub>Lab</sub>	50.07, 49.92, 2.36
CIE <sub>LCh</sub>	50, 49.976, 2.710
Yxy	18.4784, 0.4328, 0.2805
Android (android.graphics.Color)	4290989941 (0xFFC34F75)
YUV	118.0160, -0.5009, 67.5150
Hunter-Lab	42.9865, 43.1709, 4.0313

# Details

The Hex color **C34F75** is a dark color, and the websafe version is hex **CC6699**. The color can be described as dark muted rose. A complement of this color would be **4FC39D**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **FF85A9**, and **891445** is the 20% darker color. If you saturate the color by 10%, you get **C33C68**, and if you desaturate by 10%, it is **C36282**.

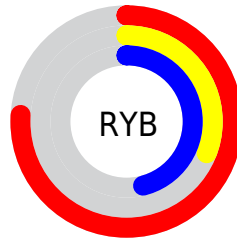
# Distribution



Red (76%)

Green (31%)

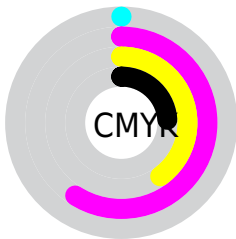
Blue (46%)



Red (76%)

Yellow (31%)

Blue (46%)

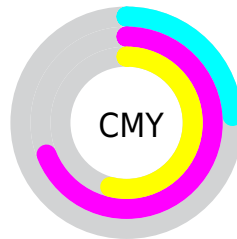


Cyan (0%)

Magenta (59%)

Yellow (40%)

Black (24%)



Cyan (24%)

Magenta (69%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C34F75 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 C34F75 by changing the saturation by 10% instead.



 C34F75

 C34F75

FFFFFF

 A6345C

 FF85A9

 891445

 FFA1C4

 6D002F


 FFBDE0

 51001A

 FFD9FD

 390002

 FFF6FF

 110000

 000000

 C34F75

 C34F75

 C33C68

 C36282

 C3285B

 C3768F

 C3144E

 C3899C

 C30141

 C39DA9

 C30040

 C3B1B7

 C3C4C4

 C3D8D1

 C3EBDE

 C3FFEB

# Harmonies

## Analogous

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



AE589F



C34F75



C1564C

# Triad

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



C34F75



5E822A



0086C2

# Complementary

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



C34F75



4FC39D

# 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.



008BA4



C34F75



14894E

# Square

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



C34F75



8A7619



008B7A



037BCC

# Rectangle

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



C34F75



B46134



008B7A



0088BA



# Sweetspot

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



C34F75



FCCFDE



9C4FC3



80636D



000000



808080



# Same Dimension

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



C34F75



FC4984



C3624F



61575A



A10035



21000B



# Inverse Universe

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



C34F75



FC4984



4FB0C3



61575A



A10035



21000B



# Previews

## White Background



This preview shows how the Hex color C34F75 looks on a white background.

## Color Contrast Check

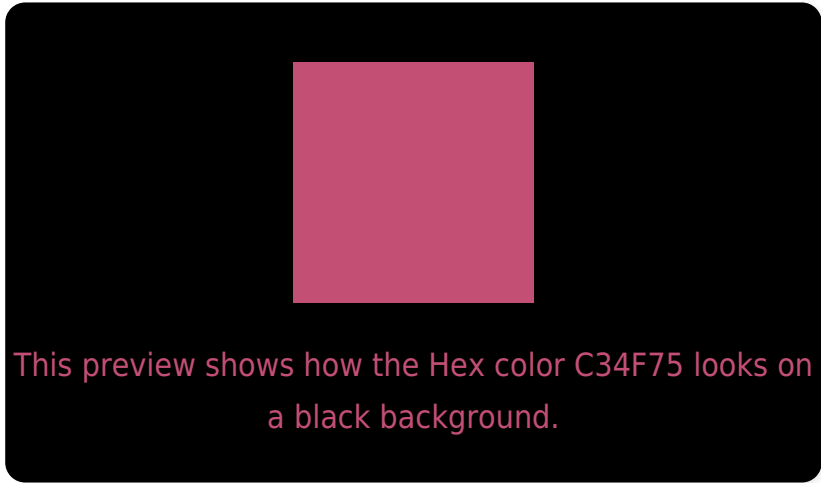
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C34F75 Background



This preview shows how black text looks on a background with the Hex color C34F75.



This preview shows how white text looks on a background with the Hex color C34F75.

# 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**  
C34F75

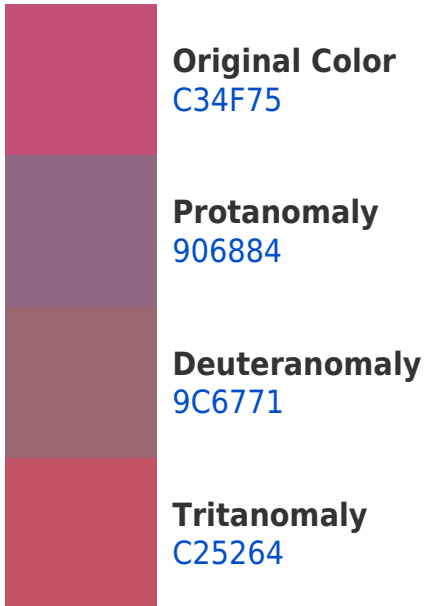
**Protanopia**  
73778D

**Deuteranopia**  
86746F



**Tritanopia**  
C1545A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C34F75 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 #C34F75 looks like.

```
.text, #text, p{  
    color:#C34F75  
}
```

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 #C34F75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C34F75
}
```

## Border

The CSS property to change the border of an element to Hex C34F75 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
#C34F75 }
```

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

```
.border{ border-color:#C34F75 }
```

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

Here you see how a box with a 4 pixel #C34F75 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C34F75; -webkit-box-shadow:4px 4px  
4px 4px #C34F75; box-shadow:4px 4px 4px  
4px #C34F75 }
```

# Background

The CSS property to change the background color of an element to Hex C34F75 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C34F75 }
```

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

```
.background{ background-color:#C34F75 }
```

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