

# Converting Colors

Hex(CD306F)

Have a look what the booklet for  
Hex(CD306F) contains.

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# Color

**Hex(CD306F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CD306F
RGB	205, 48, 111
RGB Percent	80%, 19%, 44%
CMY	0.1961, 0.8118, 0.5647
CMYK	0.00, 0.77, 0.46, 0.20
HSL	336°, 62%, 50%
HSV	336°, 77%, 80%
XYZ	29.1030, 16.2407, 16.6398
YIQ	102.1250, 73.3490, 52.8770

# Conversions

## Conversions Part 2

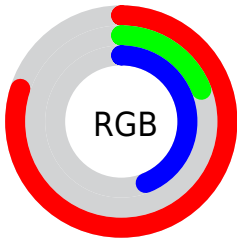
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	205, 48, 111
Decimal	13447279
CIE <sub>Lab</sub>	47.29, 64.21, 2.19
CIE <sub>LCh</sub>	47, 64.246, 1.954
Yxy	16.2407, 0.4695, 0.2620
Android (android.graphics.Color)	4291637359 (0xFFCD306F)
YUV	102.1250, 4.3754, 90.2214
Hunter-Lab	40.2998, 58.3815, 3.7290

# Details

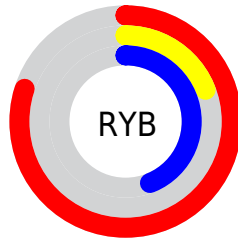
The Hex color **CD306F** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **30CD8E**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **FF6DA2**, and **910040** is the 20% darker color. If you saturate the color by 10%, you get **CD1B63**, and if you desaturate by 10%, it is **CD457B**.

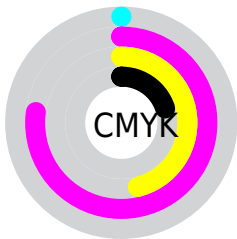
# Distribution



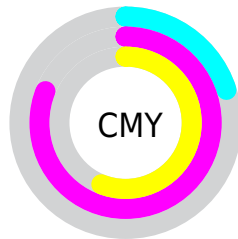
- Red (80%)
- Green (19%)
- Blue (44%)



- Red (80%)
- Yellow (19%)
- Blue (44%)



- Cyan (0%)
- Magenta (77%)
- Yellow (46%)
- Black (20%)



- Cyan (20%)
- Magenta (81%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CD306F 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 CD306F by changing the saturation by 10% instead.



 CD306F

 CD306F

FFFFFF

 AF0057

 FF6DA2

 910040

 FF89BD

 73002A

 FFA6D9

 560016

 FFC3F6

 3B0003

 FFE0FF

 150000

FFFEFF

 000000

 CD306F

 CD306F

 CD1B63

 CD457B

CD0756

CD5988

CD0052

CD6E94

CD82A0

CD97AC

CDABB9

CDC0C5

CDD4D1

CDE9DD

# Harmonies

## Analogous

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



B343A4



CD306F



C93E3A

# Triad

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



CD306F



4D7D00



0083D0

# Complementary

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



CD306F



30CD8E

# 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.



0088A8



CD306F



00853A

# Square

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



CD306F



846F00



008872



0076DD

# Rectangle

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



CD306F



B95017



008872



0085C5



# Sweetspot

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



CD306F



FFC4DC



8C30CD



805C6A



000000



808080



# Same Dimension

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



CD306F



FF1473



CD3D30



665C60



A60043



26000F



# Inverse Universe

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



CD306F



FF1473



30C0CD



665C60



A60043



26000F



# Previews

## White Background



This preview shows how the Hex color CD306F looks on a white background.

## Color Contrast Check

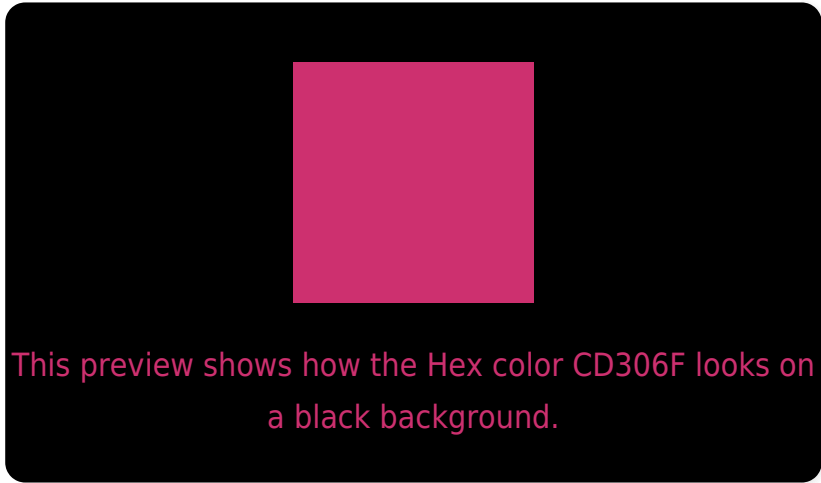
Large Text (above 18pt) WCAG AA ✓ Pass

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 CD306F Background



This preview shows how black text looks on a background with the Hex color CD306F.



This preview shows how white text looks on a background with the Hex color CD306F.

# 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



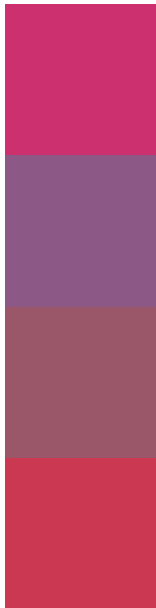
**Original Color**  
CD306F

**Protanopia**  
677094

**Deuteranopia**  
7F6D67



# Trichromacy



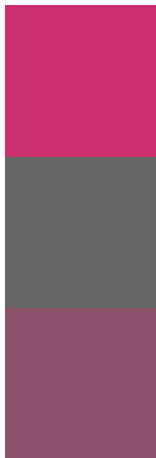
**Original Color**  
CD306F

**Protanomaly**  
8C5987

**Deuteranomaly**  
9B576A

**Tritanomaly**  
CB3851

# Monochromacy



**Original Color**  
CD306F

**Achromatopsia**  
666666

**Achromatomaly**  
8B5269

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CD306F 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 #CD306F looks like.

```
.text, #text, p{  
    color:#CD306F  
}
```

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 #CD306F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CD306F
}
```

## Border

The CSS property to change the border of an element to Hex CD306F 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
#CD306F }
```

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

```
.border{ border-color:#CD306F }
```

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

Here you see how a box with a 4 pixel #CD306F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CD306F; -webkit-box-shadow:4px 4px  
4px 4px #CD306F; box-shadow:4px 4px 4px  
4px #CD306F }
```

# Background

The CSS property to change the background color of an element to Hex CD306F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CD306F }
```

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

```
.background{ background-color:#CD306F }
```

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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