

# Converting Colors

Hex(CD4C6F)

Have a look what the booklet for  
Hex(CD4C6F) contains.

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# Color

**Hex(CD4C6F)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | CD4C6F                     |
| RGB           | 205, 76, 111               |
| RGB Percent   | 80%, 30%, 44%              |
| CMY           | 0.1961, 0.7020, 0.5647     |
| CMYK          | 0.00, 0.63, 0.46, 0.20     |
| HSL           | 344°, 56%, 55%             |
| HSV           | 344°, 63%, 80%             |
| XYZ           | 30.6305, 19.2957, 17.1490  |
| YIQ           | 118.5610, 65.6490, 38.2330 |

# Conversions

## Conversions Part 2

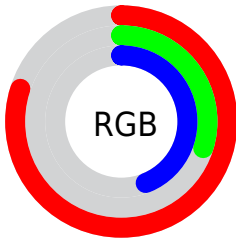
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 205, 76, 111                  |
| Decimal                             | 13454447                      |
| CIE <sub>Lab</sub>                  | 51.03, 53.87, 7.56            |
| CIE <sub>LCh</sub>                  | 51, 54.401, 7.992             |
| Yxy                                 | 19.2957, 0.4567,<br>0.2877    |
| Android<br>(android.graphics.Color) | 4291644527<br>(0xFFCD4C6F)    |
| YUV                                 | 118.5610, -3.7276,<br>75.8070 |
| Hunter-Lab                          | 43.9269, 47.5972,<br>7.6021   |

# Details

The Hex color **CD4C6F** 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 **4CCDAA**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **FF83A2**, and **920940** is the 20% darker color. If you saturate the color by 10%, you get **CD3760**, and if you desaturate by 10%, it is **CD617E**.

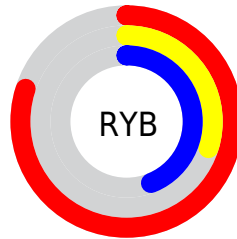
# Distribution



Red (80%)

Green (30%)

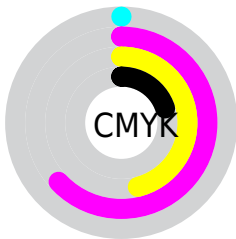
Blue (44%)



Red (80%)

Yellow (30%)

Blue (44%)

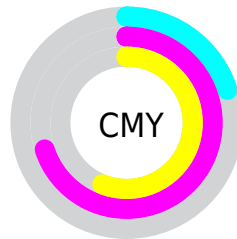


Cyan (0%)

Magenta (63%)

Yellow (46%)

Black (20%)



Cyan (20%)

Magenta (70%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CD4C6F 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 CD4C6F by changing the saturation by 10% instead.



 CD4C6F

 CD4C6F

FFFFFF

 AF2F57

 FF83A2

 920940

 FF9FBD

 75002A

 FFBBD9

 580016

 FFD8F6

 3F0002

 FFF5FF

 1D0001

 000000

 CD4C6F

 CD4C6F

 CD3760

 CD617E

 CD2351

 CD758D

 CD0E42

 CD8A9C

 CD0038

 CD9EAB

 CDB3BA

 CDC7C9

 CDDCD8

 CDF0E7

 CDFFF5

# Harmonies

## Analogous

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



BB549D



CD4C6F



C65743

# Triad

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



CD4C6F



54872A



0088CF

# Complementary

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



CD4C6F



4CCDAA

# 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.



008EB2



CD4C6F



008D55

# Square

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



CD4C6F



857B0D



009085



217BD6

# Rectangle

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



CD4C6F



B76429



009085



008BC8



# Sweetspot

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



CD4C6F



FFCFDC



A84CCD



80626A



000000



808080



# Same Dimension

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



CD4C6F



FF3D72



CD684C



665C5F



A6002D



26000A



# Inverse Universe

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



CD4C6F



FF3D72



4CB1CD



665C5F



A6002D



26000A



# Previews

## White Background



This preview shows how the Hex color CD4C6F looks on a white background.

## Color Contrast Check

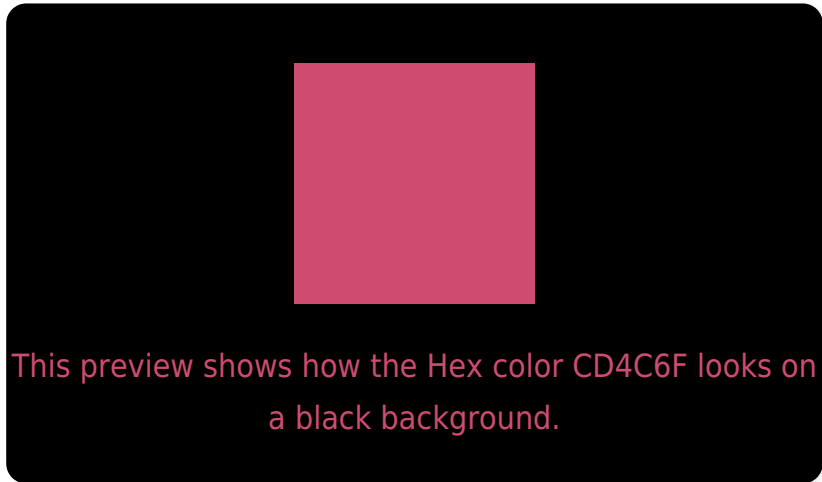
Large Text (above 18pt) WCAG AA ✓ Pass

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 CD4C6F Background



This preview shows how black text looks on a background with the Hex color CD4C6F.



This preview shows how white text looks on a background with the Hex color CD4C6F.

# 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



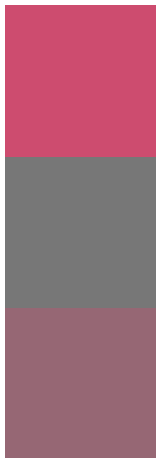
**Original Color**  
CD4C6F

**Protanomaly**  
97697F

**Deuteranomaly**  
A4676B

**Tritanomaly**  
CC4F5F

# Monochromacy



**Original Color**  
CD4C6F

**Achromatopsia**  
777777

**Achromatomaly**  
966774

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CD4C6F 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 #CD4C6F looks like.

```
.text, #text, p{  
    color:#CD4C6F  
}
```

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 #CD4C6F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CD4C6F }  
}
```

## Border

The CSS property to change the border of an element to Hex CD4C6F is called "border". The border property can be set on classes, ids or directly on the HTML element.

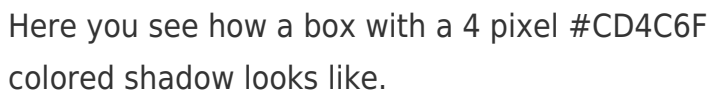
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #CD4C6F }  
}
```

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

```
.border{ border-color:#CD4C6F }
```

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



Here you see how a box with a 4 pixel `#CD4C6F` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CD4C6F; -webkit-box-shadow:4px 4px  
4px 4px #CD4C6F; box-shadow:4px 4px 4px  
4px #CD4C6F }
```

# Background

The CSS property to change the background color of an element to Hex CD4C6F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CD4C6F }
```

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

```
.background{ background-color:#CD4C6F }
```

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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