

# Converting Colors

Hex(CD4988)

Have a look what the booklet for  
Hex(CD4988) contains.

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# Color

**Hex(CD4988)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CD4988
RGB	205, 73, 136
RGB Percent	80%, 29%, 53%
CMY	0.1961, 0.7137, 0.4667
CMYK	0.00, 0.64, 0.34, 0.20
HSL	331°, 57%, 55%
HSV	331°, 64%, 80%
XYZ	32.0033, 19.5218, 25.3739
YIQ	119.6500, 58.4490, 47.5770

# Conversions

## Conversions Part 2

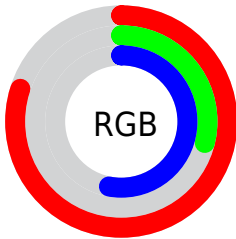
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	205, 73, 136
Decimal	13453704
CIE <sub>Lab</sub>	51.29, 57.79, -7.05
CIE <sub>LCh</sub>	51, 58.224, 353.041
Yxy	19.5218, 0.4162, 0.2539
Android (android.graphics.Color)	4291643784 (0xFFCD4988)
YUV	119.6500, 8.0606, 74.8520
Hunter-Lab	44.1835, 51.9714, -3.1209

# Details

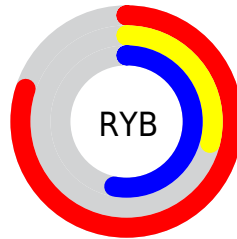
The Hex color **CD4988** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **49CD8E**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **FF81BD**, and **930056** is the 20% darker color. If you saturate the color by 10%, you get **CD357D**, and if you desaturate by 10%, it is **CD5E93**.

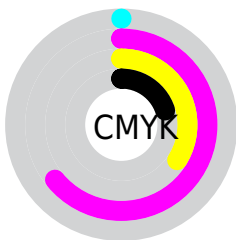
# Distribution



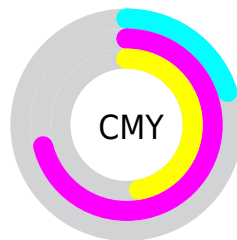
- Red (80%)
- Green (29%)
- Blue (53%)



- Red (80%)
- Yellow (29%)
- Blue (53%)



- Cyan (0%)
- Magenta (64%)
- Yellow (34%)
- Black (20%)



- Cyan (20%)
- Magenta (71%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CD4988 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 CD4988 by changing the saturation by 10% instead.



 CD4988

 CD4988

FFFFFF

 B02B6F

 FF81BD

 930056

 FF9DD9

 76003F

 FFB9F5

 5A0029

 FFD6FF

 400015

 FFF4FF

 220001

 000000

 CD4988

 CD4988

 CD357D

 CD5E93

 CD2073

 CD729D

 CD0C68

 CD86A8

 CD0062

 CD9BB3

 CDB0BE

 CDC4C8

 CDD9D3

 CDEDDE

 CDFFE8

# Harmonies

## Analogous

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



AB5BB7



CD4988



D24C56

# Triad

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



CD4988



6D830B



008DC9

# Complementary

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



CD4988



49CD8E

# 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.



0091A0



CD4988



268C3A

# Square

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



CD4988



9C7400



00916D



0084DD

# Rectangle

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



CD4988



C85838



00916D



008FBD



# Sweetspot

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



CD4988



FFCFE6



8D49CD



806270



000000



808080



# Same Dimension

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



CD4988



FF3B98



CD4B49



665C61



A6004F



260012



# Inverse Universe

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



CD4988



FF3B98



49CBCD



665C61



A6004F



260012



# Previews

## White Background



This preview shows how the Hex color CD4988 looks on a white background.

## Color Contrast Check

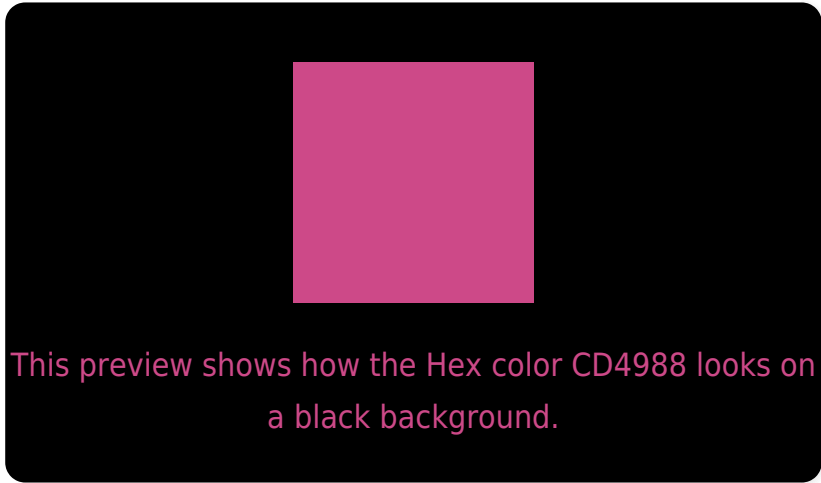
Large Text (above 18pt) WCAG AA ✓ Pass

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 CD4988 Background



This preview shows how black text looks on a background with the Hex color CD4988.



This preview shows how white text looks on a background with the Hex color CD4988.

# 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



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CD4988 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 #CD4988 looks like.

```
.text, #text, p{  
    color:#CD4988  
}
```

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 #CD4988 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CD4988
}
```

## Border

The CSS property to change the border of an element to Hex CD4988 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
#CD4988 }
```

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

```
.border{ border-color:#CD4988 }
```

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

Here you see how a box with a 4 pixel #CD4988 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CD4988; -webkit-box-shadow:4px 4px  
4px 4px #CD4988; box-shadow:4px 4px 4px  
4px #CD4988 }
```

# Background

The CSS property to change the background color of an element to Hex CD4988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CD4988 }
```

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

```
.background{ background-color:#CD4988 }
```

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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