

# Converting Colors

Hex(D3698C)

Have a look what the booklet for  
Hex(D3698C) contains.

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# **Color**

**Hex(D3698C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D3698C
RGB	211, 105, 140
RGB Percent	83%, 41%, 55%
CMY	0.1725, 0.5882, 0.4510
CMYK	0.00, 0.50, 0.34, 0.17
HSL	340°, 55%, 62%
HSV	340°, 50%, 83%
XYZ	36.6492, 25.8455, 27.8680
YIQ	140.6840, 51.9410, 33.3570

# Conversions

## Conversions Part 2

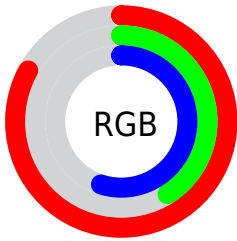
Format	Color
R <sub>Y</sub> B	211, 105, 140
Decimal	13855116
CIE Lab	57.89, 45.43, 0.41
CIE LCh	58, 45.435, 0.522
Yxy	25.8455, 0.4056, 0.2860
Android (android.graphics.Color)	4292045196 (0xFFD3698C)
YUV	140.6840, -0.3372, 61.6671
Hunter-Lab	50.8385, 39.7124, 3.0861

# Details

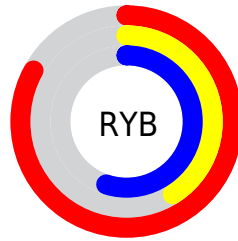
The Hex color **D3698C** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **69D3B0**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **FF9FC1**, and **99345A** is the 20% darker color. If you saturate the color by 10%, you get **D3547E**, and if you desaturate by 10%, it is **D37E9A**.

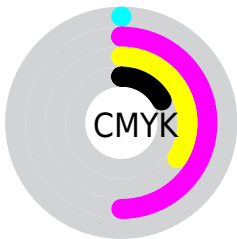
# Distribution



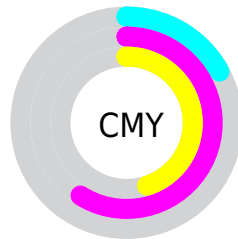
- Red (83%)
- Green (41%)
- Blue (55%)



- Red (83%)
- Yellow (41%)
- Blue (55%)



- Cyan (0%)
- Magenta (50%)
- Yellow (34%)
- Black (17%)



- Cyan (17%)
- Magenta (59%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D3698C 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 D3698C by changing the saturation by 10% instead.



 D3698C

 D3698C

FFFFFF

 B64F73

 FF9FC1

 99345A

 FFBBDD

 7D1843

 FFD7FA

 62002D

 FFF4FF

 470018

 2F0002

 000000

 D3698C

 D3698C

 D3547E

 D37E9A

 D33F70

 D393A8

 D32A62

 D3A8B6

 D31553

 D3BDC5

 D30046

 D3D3D3

 D3E8E1

 D3FDEF

 D3FFFD

 D3FFFF

# Harmonies

## Analogous

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



BC71B3



D3698C



D36D65

# Triad

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



D3698C



799544



0099D0

# Complementary

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



D3698C



69D3B0

# 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.



009EB2



D3698C



459C62

# Square

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



D3698C



A18938



009F8B



408FDA

# Rectangle

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



D3698C



C9764F



009F8B



009BC8



# Sweetspot

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



D3698C



FFD9E5



B069D3



806970



000000



808080



# Same Dimension

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



D3698C



FF6699



D37B69



695E62



A80038



29000D



# Inverse Universe

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



D3698C



FF6699



69C1D3



695E62



A80038



29000D



# Previews

## White Background



This preview shows how the Hex color D3698C looks on a white background.

## Color Contrast Check

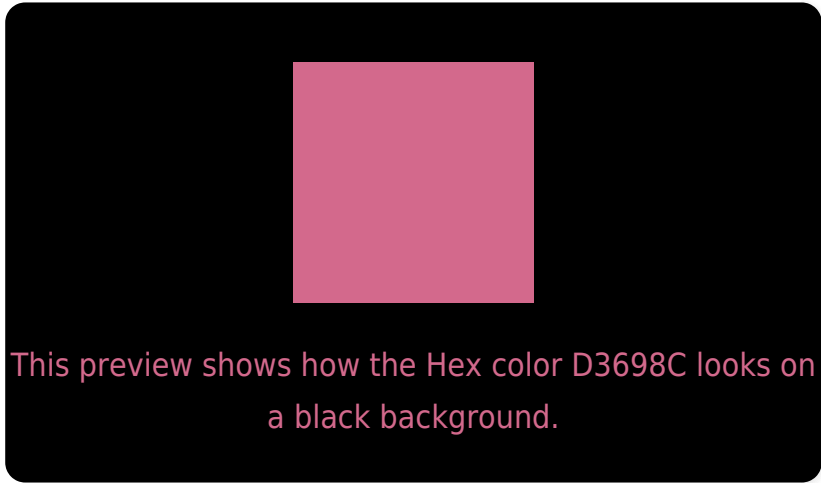
Large Text (above 18pt) WCAG AA ✓ Pass

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 D3698C Background



This preview shows how black text looks on a background with the Hex color D3698C.




This preview shows how white text looks on a background with the Hex color D3698C.

# 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](#).

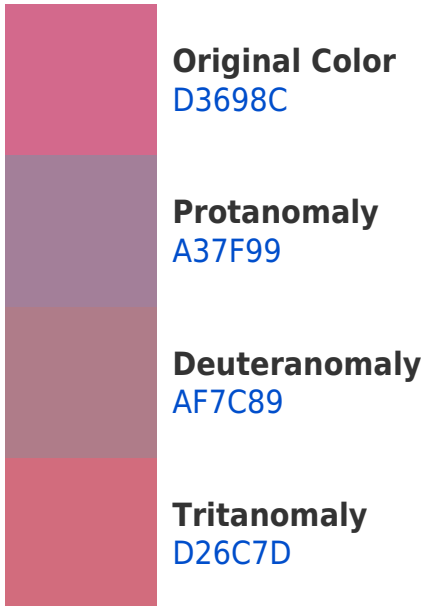
## Dichromacy





**Tritanopia**  
D16D75

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D3698C 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 #D3698C looks like.

```
.text, #text, p{  
    color:#D3698C  
}
```

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 #D3698C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D3698C
}
```

## Border

The CSS property to change the border of an element to Hex D3698C 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
#D3698C }
```

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

```
.border{ border-color:#D3698C }
```

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

Here you see how a box with a 4 pixel #D3698C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D3698C; -webkit-box-shadow:4px 4px  
4px 4px #D3698C; box-shadow:4px 4px 4px  
4px #D3698C }
```

# Background

The CSS property to change the background color of an element to Hex D3698C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D3698C }
```

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

```
.background{ background-color:#D3698C }
```

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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