

# Converting Colors

Hex(D3718E)

Have a look what the booklet for  
Hex(D3718E) contains.

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# Color

**Hex(D3718E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D3718E
RGB	211, 113, 142
RGB Percent	83%, 44%, 56%
CMY	0.1725, 0.5569, 0.4431
CMYK	0.00, 0.46, 0.33, 0.17
HSL	342°, 53%, 64%
HSV	342°, 46%, 83%
XYZ	37.6516, 27.6121, 28.9364
YIQ	145.6080, 49.0990, 29.7950

# Conversions

## Conversions Part 2

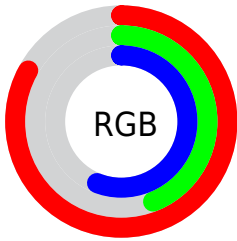
Format	Color
R <sub>Y</sub> B	211, 113, 142
Decimal	13857166
CIE Lab	59.54, 41.62, 1.65
CIE LCh	60, 41.657, 2.271
Yxy	27.6121, 0.3997, 0.2931
Android (android.graphics.Color)	4292047246 (0xFFD3718E)
YUV	145.6080, -1.7787, 57.3488
Hunter-Lab	52.5472, 35.9426, 4.1336

# Details

The Hex color **D3718E** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **71D3B6**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **FFA7C4**, and **9A3D5C** is the 20% darker color. If you saturate the color by 10%, you get **D35C7F**, and if you desaturate by 10%, it is **D3869D**.

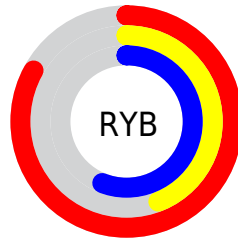
# Distribution



Red (83%)

Green (44%)

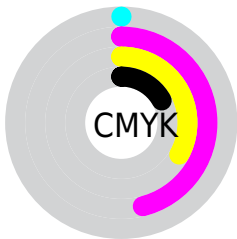
Blue (56%)



Red (83%)

Yellow (44%)

Blue (56%)

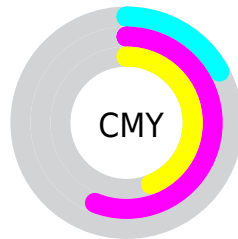


Cyan (0%)

Magenta (46%)

Yellow (33%)

Black (17%)



Cyan (17%)

Magenta (56%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D3718E 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 D3718E by changing the saturation by 10% instead.



 D3718E

 D3718E

FFFFFF

 B65774

 FFA7C4

 9A3D5C

 FFC3DF

 7E2345

 FFDFFC

 63022E

 FFFCFF

 48001A

 320002

 000000

 D3718E

 D3718E

 D35C7F

 D3869D

 D34770

 D39BAC

 D33261

 D3B0BB

 D31D53

 D3C5C9

 D30844

 D3DBD8

 D3003E

 D3F0E7

 D3FFF6

 D3FFFF

# Harmonies

## Analogous

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



BF77B2



D3718E



D2756A

# Triad

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



D3718E



7D994F



009CCF

# Complementary

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



D3718E



71D3B6

# 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.



00A1B5



D3718E



4E9F6C

# Square

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



D3718E



A38E44



00A291



5792D8

# Rectangle

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



D3718E



C87D57



00A291



009EC8



# Sweetspot

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



D3718E



FFDBE6



B671D3



806A70



000000



808080



# Same Dimension

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



D3718E



FF709A



D38571



695E61



A80032



29000C



# Inverse Universe

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



D3718E



FF709A



71BFD3



695E61



A80032

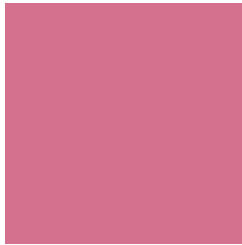


29000C



# Previews

## White Background



This preview shows how the Hex color D3718E looks on a white background.

## Color Contrast Check

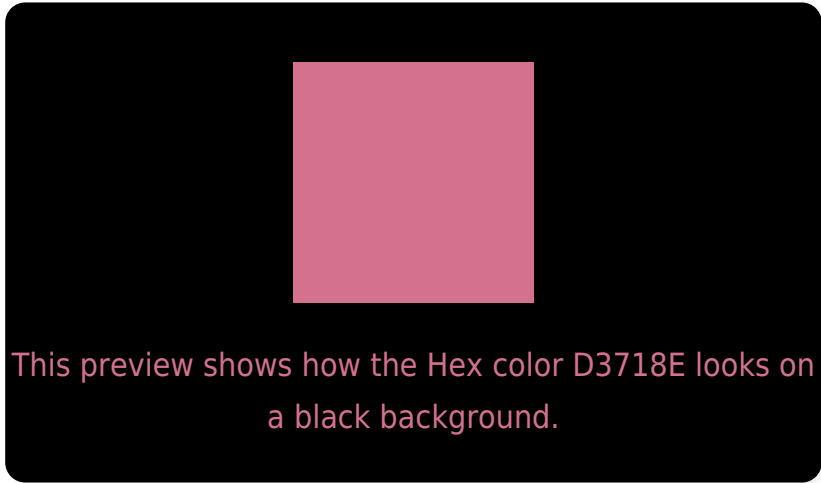
Large Text (above 18pt) WCAG AA ✓ Pass

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 D3718E Background



This preview shows how black text looks on a background with the Hex color D3718E.



This preview shows how white text looks on a background with the Hex color D3718E.

# 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](#).

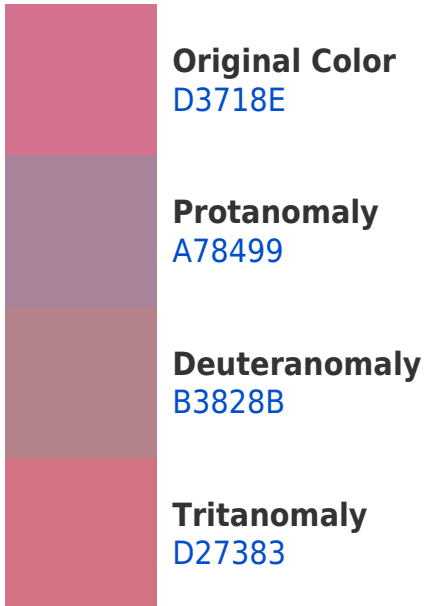
## Dichromacy



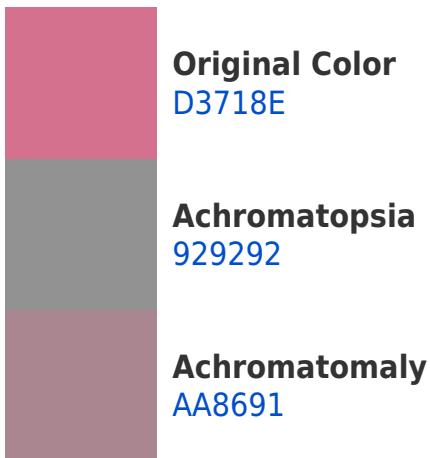


**Tritanopia**  
D1747D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D3718E 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 #D3718E looks like.

```
.text, #text, p{  
    color:#D3718E  
}
```

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 #D3718E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D3718E
}
```

## Border

The CSS property to change the border of an element to Hex D3718E 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
#D3718E }
```

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

```
.border{ border-color:#D3718E }
```

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

Here you see how a box with a 4 pixel #D3718E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D3718E; -webkit-box-shadow:4px 4px  
4px 4px #D3718E; box-shadow:4px 4px 4px  
4px #D3718E }
```

# Background

The CSS property to change the background color of an element to Hex D3718E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D3718E }
```

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

```
.background{ background-color:#D3718E }
```

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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