

# Converting Colors

Hex(D6448B)

Have a look what the booklet for  
Hex(D6448B) contains.

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**Color**

**Hex(D6448B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D6448B
RGB	214, 68, 139
RGB Percent	84%, 27%, 55%
CMY	0.1608, 0.7333, 0.4549
CMYK	0.00, 0.68, 0.35, 0.16
HSL	331°, 64%, 55%
HSV	331°, 68%, 84%
XYZ	34.4589, 20.2945, 26.5271
YIQ	119.7480, 64.2250, 53.0330

# Conversions

## Conversions Part 2

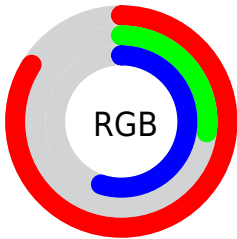
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	214, 68, 139
Decimal	14042251
CIE Lab	52.17, 62.70, -7.38
CIE LCh	52, 63.129, 353.286
Yxy	20.2945, 0.4240, 0.2497
Android (android.graphics.Color)	4292232331 (0xFFD6448B)
YUV	119.7480, 9.4912, 82.6590
Hunter-Lab	45.0494, 57.7006, -3.3781

# Details

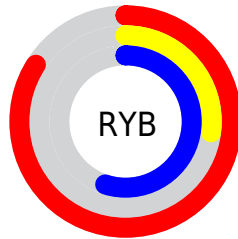
The Hex color **D6448B** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **44D68F**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **FF7EC0**, and **9B0059** is the 20% darker color. If you saturate the color by 10%, you get **D62F80**, and if you desaturate by 10%, it is **D65996**.

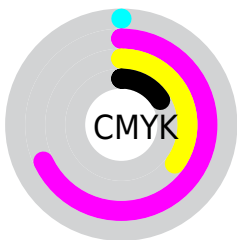
# Distribution



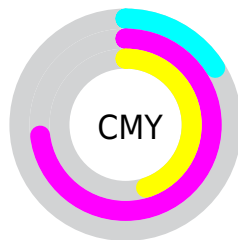
- Red (84%)
- Green (27%)
- Blue (55%)



- Red (84%)
- Yellow (27%)
- Blue (55%)



- Cyan (0%)
- Magenta (68%)
- Yellow (35%)
- Black (16%)



- Cyan (16%)
- Magenta (73%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D6448B 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 D6448B by changing the saturation by 10% instead.



 D6448B

 D6448B

FFFFFF

 B82372

 FF7EC0

 9B0059

 FF9ADC

 7E0042

 FFB7F9

 61002C

 FFD4FF

 460018

 FFF1FF

 2A0001

 000000

 D6448B

 D6448B

 D62F80

 D65996

 D61975

 D66FA1

 D6046A

 D684AC

 D60068

 D69AB7

 D6AFC2

 D6C4CD

 D6DAD8

 D6EFE3

 D6FFEE

# Harmonies

## Analogous

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



B159BE



D6448B



DB4855

# Triad

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



D6448B



6D8600



0091D3

# Complementary

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



D6448B



44D68F

# 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.



0095A6



D6448B



169037

# Square

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



D6448B



A07600



00946E



0087E8

# Rectangle

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



D6448B



CF5634



00946E



0093C6



# Sweetspot

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



D6448B



FFCCE5



8D44D6



806170



000000



808080



# Same Dimension

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



D6448B



FF2E94



D64444



6B6066



AB0053



2B0015



# Inverse Universe

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



D6448B



FF2E94



44D6D6



6B6066



AB0053

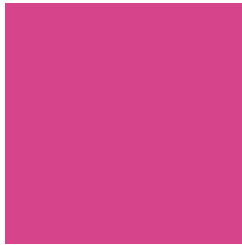


2B0015



# Previews

## White Background



This preview shows how the Hex color D6448B looks on a white background.

## Color Contrast Check

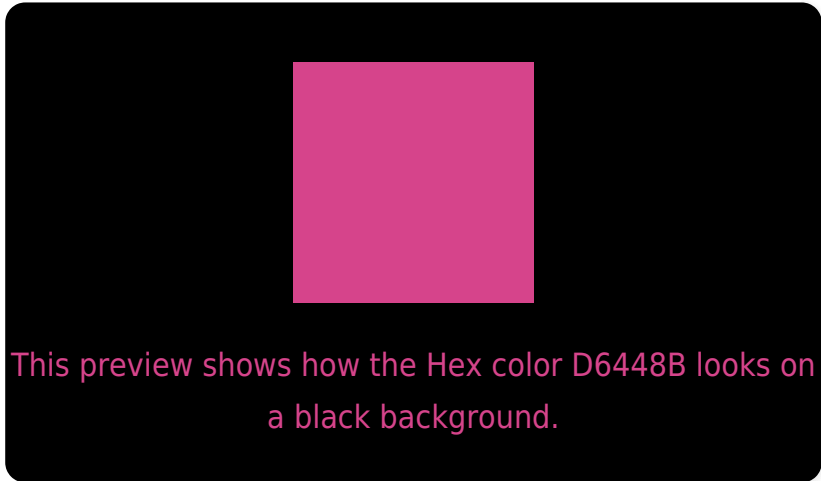
Large Text (above 18pt) WCAG AA ✓ Pass

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 D6448B Background



This preview shows how black text looks on a background with the Hex color D6448B.



This preview shows how white text looks on a background with the Hex color D6448B.

# 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**  
D6448B

**Protanopia**  
6D7BB0

**Deuteranopia**  
867984



**Tritanopia**  
D25156

# Trichromacy



**Original Color**  
D6448B



**Protanomaly**  
9367A3



**Deuteranomaly**  
A36687

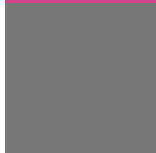


**Tritanomaly**  
D34C69

# Monochromacy



**Original Color**  
D6448B



**Achromatopsia**  
787878



**Achromatomaly**  
9A657F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D6448B 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 #D6448B looks like.

```
.text, #text, p{  
    color:#D6448B  
}
```

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 #D6448B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D6448B
}
```

## Border

The CSS property to change the border of an element to Hex D6448B 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
#D6448B }
```

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

```
.border{ border-color:#D6448B }
```

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

Here you see how a box with a 4 pixel #D6448B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D6448B; -webkit-box-shadow:4px 4px  
4px 4px #D6448B; box-shadow:4px 4px 4px  
4px #D6448B }
```

# Background

The CSS property to change the background color of an element to Hex D6448B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D6448B }
```

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

```
.background{ background-color:#D6448B }
```

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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