

# Converting Colors

Hex(D64B9F)

Have a look what the booklet for  
Hex(D64B9F) contains.

<b>Hex(D64B9F)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(D64B9F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D64B9F
RGB	214, 75, 159
RGB Percent	84%, 29%, 62%
CMY	0.1608, 0.7059, 0.3765
CMYK	0.00, 0.65, 0.26, 0.16
HSL	324°, 63%, 57%
HSV	324°, 65%, 84%
XYZ	36.5056, 21.8315, 35.0907
YIQ	126.1370, 55.8800, 55.5920

# Conversions

## Conversions Part 2

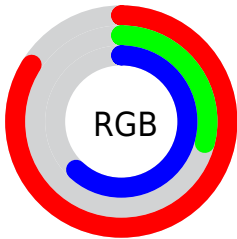
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	214, 75, 159
Decimal	14044063
CIE <sub>Lab</sub>	53.85, 62.38, -16.69
CIE <sub>LCh</sub>	54, 64.577, 345.017
Yxy	21.8315, 0.3907, 0.2337
Android (android.graphics.Color)	4292234143 (0xFFD64B9F)
YUV	126.1370, 16.2015, 77.0559
Hunter-Lab	46.7242, 57.6948, -11.8210

# Details

The Hex color **D64B9F** 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 **4BD682**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **FF84D6**, and **9B006B** is the 20% darker color. If you saturate the color by 10%, you get **D63697**, and if you desaturate by 10%, it is **D660A7**.

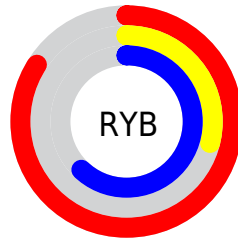
# Distribution



Red (84%)

Green (29%)

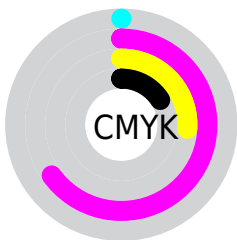
Blue (62%)



Red (84%)

Yellow (29%)

Blue (62%)

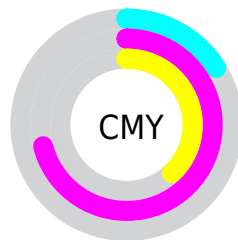


Cyan (0%)

Magenta (65%)

Yellow (26%)

Black (16%)



Cyan (16%)

Magenta (71%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D64B9F 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 D64B9F by changing the saturation by 10% instead.



 D64B9F

 D64B9F

FFFFFF

 B82C85

 FF84D6

 9B006B

 FFA0F2

 7F0053

 FFBDFE

 63003C

 FFDAFF

 480026

 FFF8FF

 2D0010

 000000

 D64B9F

 D64B9F

 D63697

 D660A7

 D6208E

 D676B0

 D60B86

 D68BB8

 D60081

 D6A1C1

 D6B6C9

 D6CBD2

 D6E1DA

 D6F6E3

 D6FFEB

# Harmonies

## Analogous

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



A664D0



D64B9F



E34767

# Triad

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



D64B9F



808700



0098CF

# Complementary

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



D64B9F



4BD682

# 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.



009A9C



D64B9F



3D922A

# Square

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



D64B9F



B17400



009862



008FED

# Rectangle

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



D64B9F



DC5344



009862



0099BF



# Sweetspot

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



D64B9F



FFCFEC



804BD6



806274



000000



808080



# Same Dimension

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



D64B9F



FF38B0



D64B5B



6B6067



AB0067



2B001A



# Inverse Universe

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



D64B9F



FF38B0



4BD6C6



6B6067



AB0067



2B001A



# Previews

## White Background



This preview shows how the Hex color D64B9F looks on a white background.

## Color Contrast Check

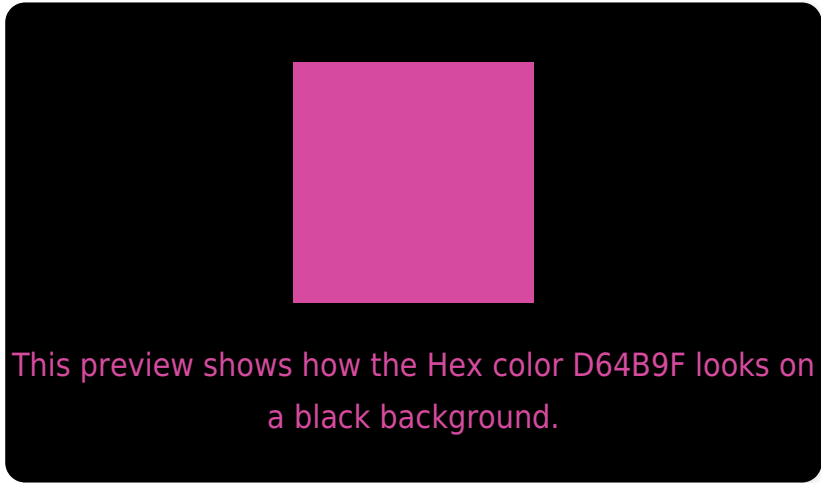
Large Text (above 18pt) WCAG AA ✓ Pass

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

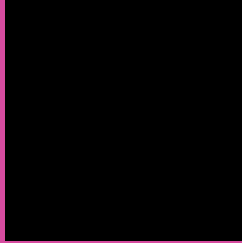
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D64B9F Background



This preview shows how black text looks on a background with the Hex color D64B9F.

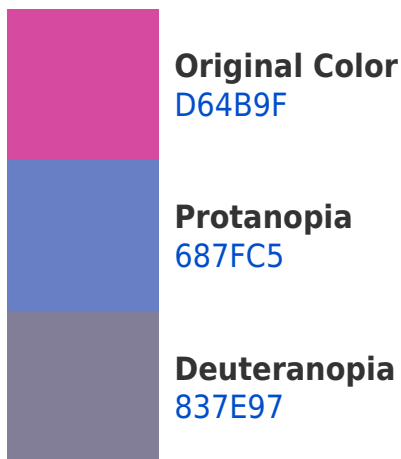



This preview shows how white text looks on a background with the Hex color D64B9F.

# 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](#).

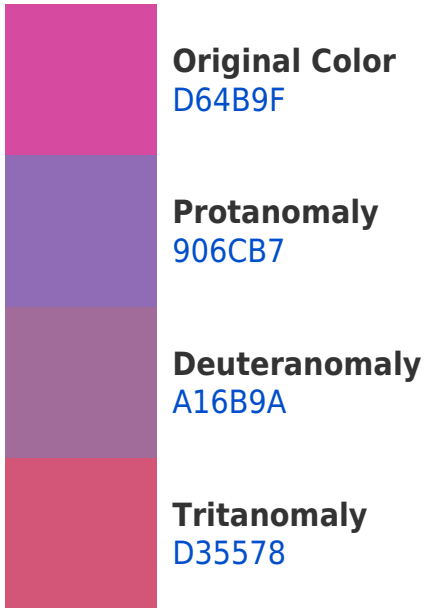
## Dichromacy





**Tritanopia**  
D15B61

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D64B9F 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 #D64B9F looks like.

```
.text, #text, p{  
    color:#D64B9F  
}
```

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 #D64B9F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D64B9F
}
```

## Border

The CSS property to change the border of an element to Hex D64B9F 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
#D64B9F }
```

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

```
.border{ border-color:#D64B9F }
```

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

Here you see how a box with a 4 pixel #D64B9F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D64B9F; -webkit-box-shadow:4px 4px  
4px 4px #D64B9F; box-shadow:4px 4px 4px  
4px #D64B9F }
```

# Background

The CSS property to change the background color of an element to Hex D64B9F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D64B9F }
```

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

```
.background{ background-color:#D64B9F }
```

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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