

Converting Colors

Hex(D84C99)

Have a look what the booklet for
Hex(D84C99) contains.

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Color

Hex(D84C99)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | D84C99 |
| RGB | 216, 76, 153 |
| RGB Percent | 85%, 30%, 60% |
| CMY | 0.1529, 0.7020, 0.4000 |
| CMYK | 0.00, 0.65, 0.29, 0.15 |
| HSL | 327°, 64%, 57% |
| HSV | 327°, 65%, 85% |
| XYZ | 36.6531, 22.0677, 32.4647 |
| YIQ | 126.6380, 58.7230, 53.6270 |

Conversions

Conversions Part 2

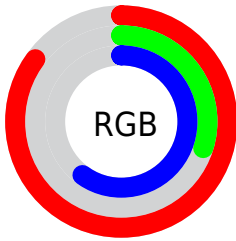
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 216, 76, 153 |
| Decimal | 14175385 |
| CIE _{Lab} | 54.10, 61.79, -12.75 |
| CIE _{LCh} | 54, 63.090, 348.338 |
| Yxy | 22.0677, 0.4020, 0.2420 |
| Android (android.graphics.Color) | 4292365465 (0xFFD84C99) |
| YUV | 126.6380, 12.9965, 78.3705 |
| Hunter-Lab | 46.9763, 57.0656, -8.0911 |

Details

The Hex color **D84C99** 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 **4CD88B**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **FF85CF**, and **9D0066** is the 20% darker color. If you saturate the color by 10%, you get **D8368F**, and if you desaturate by 10%, it is **D862A3**.

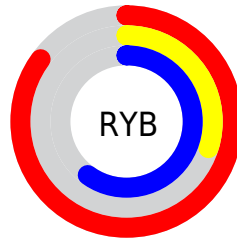
Distribution



Red (85%)

Green (30%)

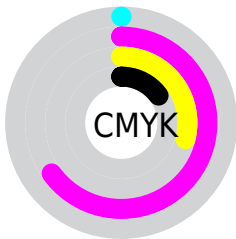
Blue (60%)



Red (85%)

Yellow (30%)

Blue (60%)

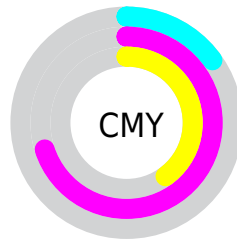


Cyan (0%)

Magenta (65%)

Yellow (29%)

Black (15%)



Cyan (15%)

Magenta (70%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color D84C99 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 D84C99 by changing the saturation by 10% instead.

 D84C99

 D84C99

FFFFFF

 BA2D7F

 FF85CF

 9D0066

 FFA1EC

 80004E

 FFBEFF

 640037

 FFDBFF

 490022

 FFF9FF

 2F0008

 000000

 D84C99

 D84C99

 D8368F

 D862A3

 D82186

 D877AC

 D80B7C

 D88DB6

 D80077

 D8A2C0

 D8B8CA

 D8CED3

 D8E3DD

 D8F9E7

 D8FFF0

Harmonies

Analogous

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



AD63CA



D84C99



E24B62

Triad

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



D84C99



7B8900



0097D2

Complementary

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



D84C99



4CD88B

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.



009AA2



D84C99



359433

Square

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



D84C99



AD7700



009969



008EEC

Rectangle

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



D84C99



D95840



009969



0099C4

Sweetspot

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



D84C99



FFCFE9



8B4CD8



806272



000000



808080

Same Dimension

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



D84C99



FF38A5



D84C53



6B6066



AB005E



2B0018

Inverse Universe

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



D84C99



FF38A5



4CD8D1



6B6066



AB005E



2B0018

Previews

White Background



This preview shows how the Hex color D84C99 looks on a white background.

Color Contrast Check

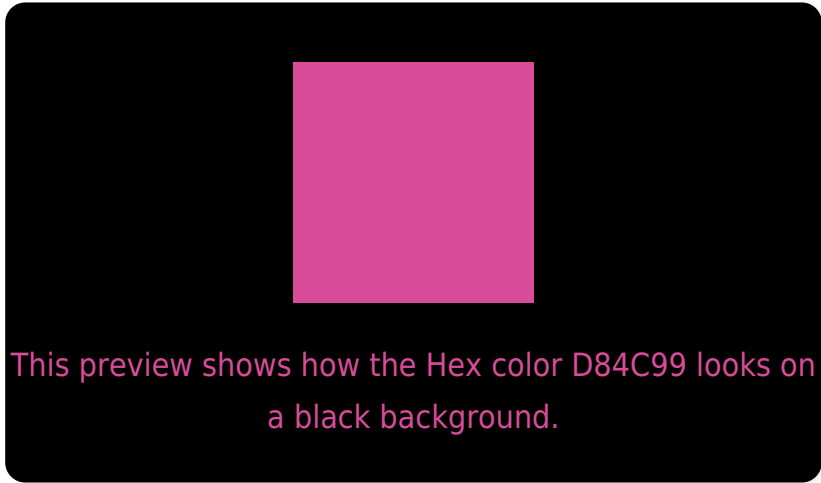
Large Text (above 18pt) WCAG AA ✓ Pass

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 D84C99 Background



This preview shows how black text looks on a background with the Hex color D84C99.




This preview shows how white text looks on a background with the Hex color D84C99.

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](#).

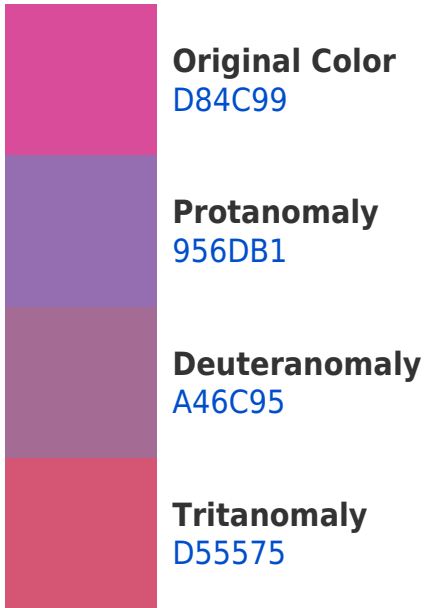
Dichromacy





Tritanopia
D35A60

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D84C99 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 #D84C99 looks like.

```
.text, #text, p{  
    color:#D84C99  
}
```

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 #D84C99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D84C99
}
```

Border

The CSS property to change the border of an element to Hex D84C99 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
#D84C99 }
```

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

```
.border{ border-color:#D84C99 }
```

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

Here you see how a box with a 4 pixel #D84C99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D84C99; -webkit-box-shadow:4px 4px  
4px 4px #D84C99; box-shadow:4px 4px 4px  
4px #D84C99 }
```

Background

The CSS property to change the background color of an element to Hex D84C99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D84C99 }
```

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

```
.background{ background-color:#D84C99 }
```

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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