

Converting Colors

Hex(DC4E99)

Have a look what the booklet for
Hex(DC4E99) contains.

Hex(DC4E99)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(DC4E99)

Conversions

Conversions Part 1

Format	Color
Hex	DC4E99
RGB	220, 78, 153
RGB Percent	86%, 31%, 60%
CMY	0.1373, 0.6941, 0.4000
CMYK	0.00, 0.65, 0.30, 0.14
HSL	328°, 67%, 58%
HSV	328°, 65%, 86%
XYZ	37.9894, 22.9643, 32.5673
YIQ	129.0080, 60.5570, 53.4290

Conversions

Conversions Part 2

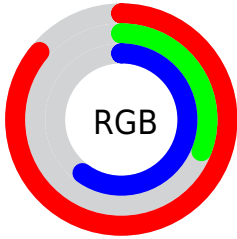
Format	Color
RYB	220, 78, 153
Decimal	14438041
CIELab	55.04, 62.12, -11.28
CIElCh	55, 63.136, 349.710
Yxy	22.9643, 0.4062, 0.2456
Android (android.graphics.Color)	4292628121 (0xFFDC4E99)
YUV	129.0080, 11.8281, 79.8000
Hunter-Lab	47.9211, 57.6435, -6.7488

Details

The Hex color **DC4E99** 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 **4EDC91**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **FF87CF**, and **A10066** is the 20% darker color. If you saturate the color by 10%, you get **DC388F**, and if you desaturate by 10%, it is **DC64A3**.

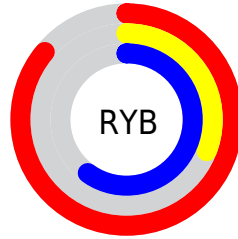
Distribution



Red (86%)

Green (31%)

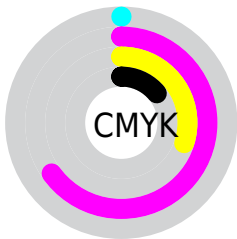
Blue (60%)



Red (86%)

Yellow (31%)

Blue (60%)

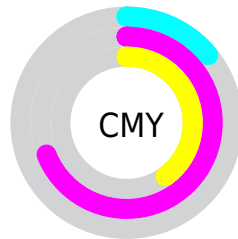


Cyan (0%)

Magenta (65%)

Yellow (30%)

Black (14%)



Cyan (14%)

Magenta (69%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color DC4E99 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 DC4E99 by changing the saturation by 10% instead.

 DC4E99

 DC4E99

FFFFFF

 BE2F7F

 FF87CF

 A10066

 FFA3EC

 84004E

 FFC0FF

 680037

 FFDDFF

 4C0022

 FFFBFF

 320008

 000000

 DC4E99

 DC4E99

 DC388F

 DC64A3

 DC2284

 DC7AAE

 DC0C7A

 DC90B8

 DC0074

 DCA6C3

 DCBCCD

 DCD2D7

 DCE8E2

 DCFEEC

 DCFFF6

Harmonies

Analogous

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



B264CB



DC4E99



E54E62

Triad

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



DC4E99



7B8C00



009AD6

Complementary

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



DC4E99



4EDC91

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.



009DA7



DC4E99



339737

Square

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



DC4E99



AD7A00



009C6E



0090F0

Rectangle

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



DC4E99



DB5B40



009C6E



009BC9

Sweetspot

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



DC4E99



FFCFE8



904EDC



806272



000000



808080

Same Dimension

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



DC4E99



FF3BA2



DC4E53



6E6368



AD005C



2E0018

Inverse Universe

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



DC4E99



FF3BA2



4EDCD7



6E6368



AD005C



2E0018

Previews

White Background



This preview shows how the Hex color DC4E99 looks on a white background.

Color Contrast Check

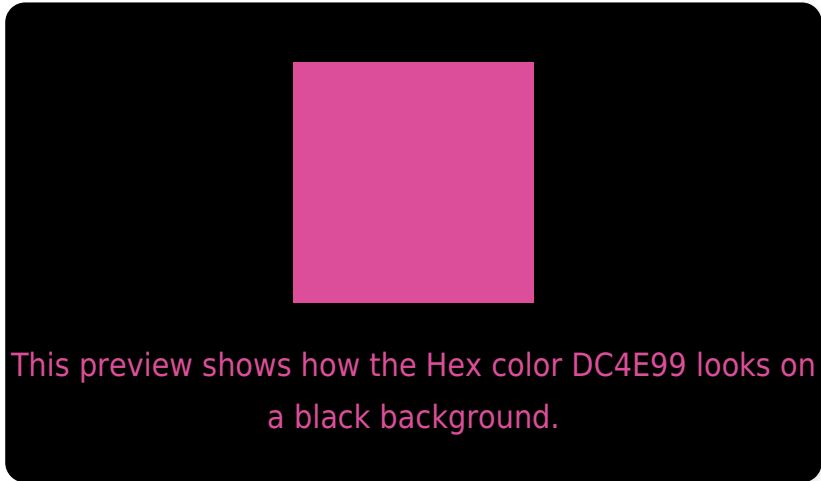
Large Text (above 18pt) WCAG AA ✓ Pass

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 DC4E99 Background



This preview shows how black text looks on a background with the Hex color DC4E99.




This preview shows how white text looks on a background with the Hex color DC4E99.

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](#).

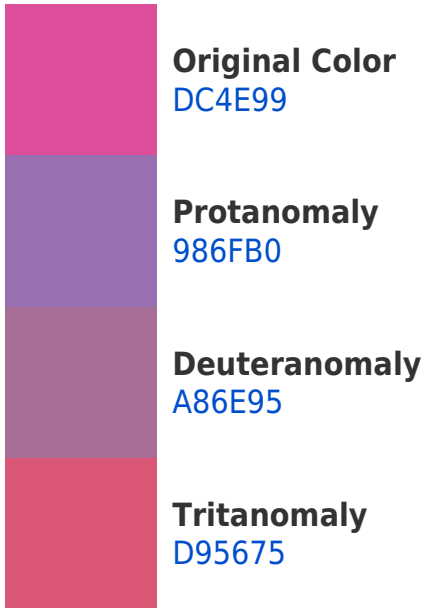
Dichromacy





Tritanopia
D85B61

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DC4E99 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 #DC4E99 looks like.

```
.text, #text, p{  
    color:#DC4E99  
}
```

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 #DC4E99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC4E99
}
```

Border

The CSS property to change the border of an element to Hex DC4E99 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
#DC4E99 }
```

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

```
.border{ border-color:#DC4E99 }
```

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

Here you see how a box with a 4 pixel #DC4E99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC4E99; -webkit-box-shadow:4px 4px  
4px 4px #DC4E99; box-shadow:4px 4px 4px  
4px #DC4E99 }
```

Background

The CSS property to change the background color of an element to Hex DC4E99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC4E99 }
```

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

```
.background{ background-color:#DC4E99 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor