

Converting Colors

Hex(DC4E9A)

Have a look what the booklet for
Hex(DC4E9A) contains.

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Color

Hex(DC4E9A)

Conversions

Conversions Part 1

Format	Color
Hex	DC4E9A
RGB	220, 78, 154
RGB Percent	86%, 31%, 60%
CMY	0.1373, 0.6941, 0.3961
CMYK	0.00, 0.65, 0.30, 0.14
HSL	328°, 67%, 58%
HSV	328°, 65%, 86%
XYZ	38.0723, 22.9975, 33.0042
YIQ	129.1220, 60.2360, 53.7400

Conversions

Conversions Part 2

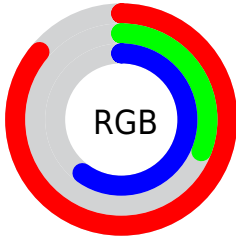
Format	Color
R_{YB}	220, 78, 154
Decimal	14438042
CIE _{Lab}	55.07, 62.24, -11.81
CIE _{LCh}	55, 63.352, 349.252
Yxy	22.9975, 0.4047, 0.2445
Android (android.graphics.Color)	4292628122 (0xFFDC4E9A)
YUV	129.1220, 12.2649, 79.7000
Hunter-Lab	47.9557, 57.7896, -7.2357

Details

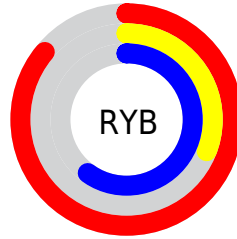
The Hex color **DC4E9A** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **4EDC90**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **FF87D0**, and **A10067** is the 20% darker color. If you saturate the color by 10%, you get **DC3890**, and if you desaturate by 10%, it is **DC64A4**.

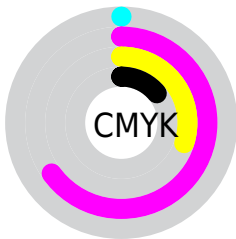
Distribution



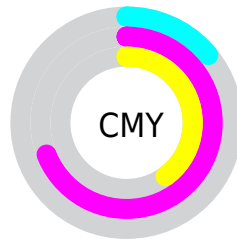
- Red (86%)
- Green (31%)
- Blue (60%)



- 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 DC4E9A 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 DC4E9A by changing the saturation by 10% instead.

 DC4E9A

 DC4E9A

FFFFFF

 BE2F80

 FF87D0

 A10067

 FFA3ED

 84004F

 FFC0FF

 680038

 FFDDFF

 4C0023

 FFFBFF

 32000A

 000000

 DC4E9A

 DC4E9A

 DC3890

 DC64A4

 DC2286

 DC7AAE

 DC0C7B

 DC90B9

 DC0076

 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.



B264CC



DC4E9A



E54E63

Triad

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



DC4E9A



7C8C00



009AD6

Complementary

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



DC4E9A



4EDC90

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.



009DA6



DC4E9A



359736

Square

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



DC4E9A



AE7A00



009C6E



0090F0

Rectangle

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



DC4E9A



DC5B41



009C6E



009CC8

Sweetspot

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



DC4E9A



FFCFE8



8E4EDC



806272



000000



808080

Same Dimension

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



DC4E9A



FF3BA4



DC4E55



6E6369



AD005D



2E0019

Inverse Universe

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



DC4E9A



FF3BA4



4EDCD5



6E6369



AD005D



2E0019

Previews

White Background



This preview shows how the Hex color DC4E9A looks on a white background.

Color Contrast Check

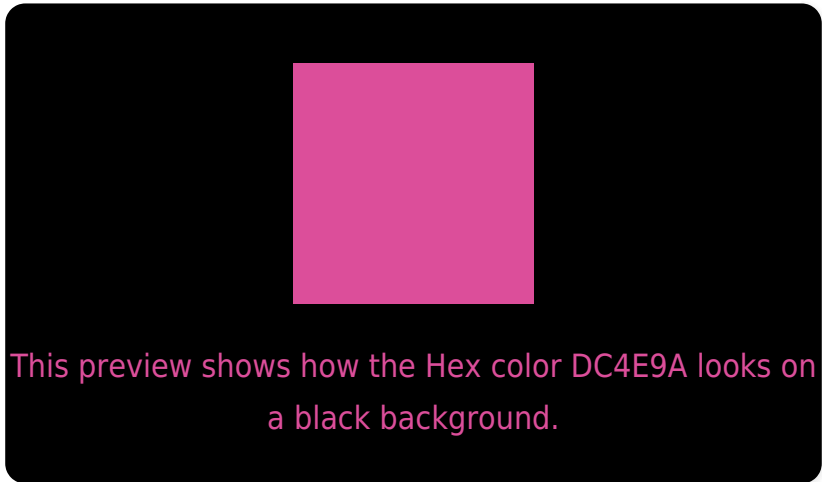
Large Text (above 18pt) WCAG AA ✓ Pass

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 DC4E9A Background



This preview shows how black text looks on a background with the Hex color DC4E9A.



This preview shows how white text looks on a background with the Hex color DC4E9A.

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](#).

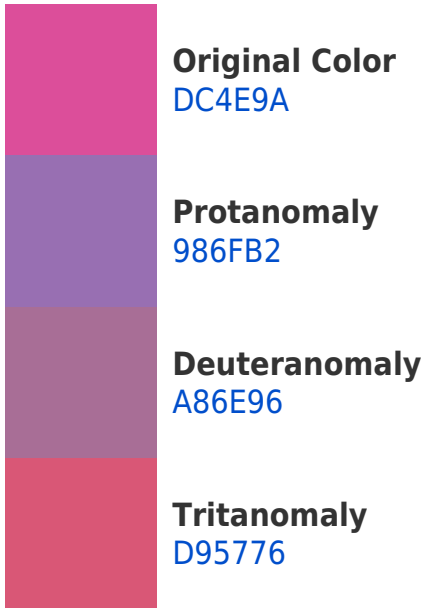
Dichromacy





Tritanopia
D75C62

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DC4E9A 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 #DC4E9A looks like.

```
.text, #text, p{  
    color:#DC4E9A  
}
```

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 #DC4E9A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC4E9A
}
```

Border

The CSS property to change the border of an element to Hex DC4E9A 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
#DC4E9A }
```

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

```
.border{ border-color:#DC4E9A }
```

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

Here you see how a box with a 4 pixel #DC4E9A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC4E9A; -webkit-box-shadow:4px 4px  
4px 4px #DC4E9A; box-shadow:4px 4px 4px  
4px #DC4E9A }
```

Background

The CSS property to change the background color of an element to Hex DC4E9A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC4E9A }
```

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

```
.background{ background-color:#DC4E9A }
```

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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