

Converting Colors

Hex(DC4D80)

Have a look what the booklet for
Hex(DC4D80) contains.

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Color

Hex(DC4D80)

Conversions

Conversions Part 1

Format	Color
Hex	DC4D80
RGB	220, 77, 128
RGB Percent	86%, 30%, 50%
CMY	0.1373, 0.6980, 0.4980
CMYK	0.00, 0.65, 0.42, 0.14
HSL	339°, 67%, 58%
HSV	339°, 65%, 86%
XYZ	36.0654, 22.0819, 22.7835
YIQ	125.5710, 68.8570, 46.1770

Conversions

Conversions Part 2

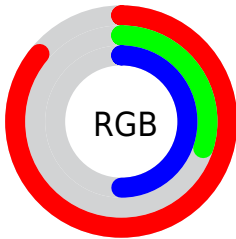
Format	Color
R_{YB}	220, 77, 128
Decimal	14437760
CIE _{Lab}	54.11, 59.77, 2.15
CIE _{LCh}	54, 59.806, 2.060
Yxy	22.0819, 0.4456, 0.2728
Android (android.graphics.Color)	4292627840 (0xFFDC4D80)
YUV	125.5710, 1.1975, 82.8142
Hunter-Lab	46.9914, 54.7618, 4.1476

Details

The Hex color **DC4D80** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **4DDCA9**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **FF85B5**, and **A0004F** is the 20% darker color. If you saturate the color by 10%, you get **DC3772**, and if you desaturate by 10%, it is **DC638E**.

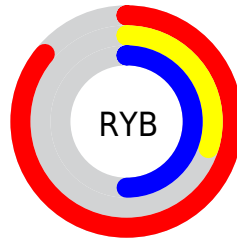
Distribution



Red (86%)

Green (30%)

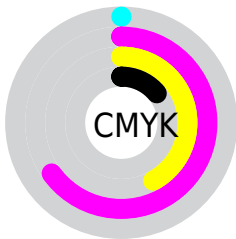
Blue (50%)



Red (86%)

Yellow (30%)

Blue (50%)

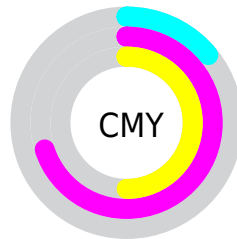


Cyan (0%)

Magenta (65%)

Yellow (42%)

Black (14%)



Cyan (14%)

Magenta (70%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color DC4D80 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 DC4D80 by changing the saturation by 10% instead.

 DC4D80

 DC4D80

FFFFFF

 BE2F67

 FF85B5

 A0004F

 FFA2D0

 830038

 FFBEEC

 660023

 FFDCFF

 4A000D

 FFF9FF

 2E0002

 000000

 DC4D80

 DC4D80

 DC3772

 DC638E

 DC2164

 DC799C

 DC0B56

 DC8FAA

 DC004E

 DCA5B9

 DCBBC7

 DCD1D5

 DCE7E3

 DCFDF1

 DCFFFF

Harmonies

Analogous

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



C25AB3



DC4D80



D9574E

Triad

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



DC4D80



638E1E



0093DC

Complementary

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



DC4D80



4DDCA9

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.



0099B7



DC4D80



00964E

Square

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



DC4D80



978000



009984



0086E9

Rectangle

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



DC4D80



CA6530



009984



0096D2

Sweetspot

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



DC4D80



FFCCDE



A84DDC



80616C



000000



808080

Same Dimension

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



DC4D80



FF387F



DC604D



6E6367



AD003E



2E0010

Inverse Universe

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



DC4D80



FF387F



4DC9DC



6E6367



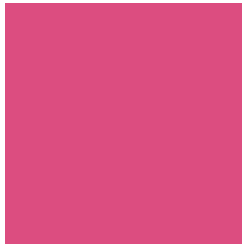
AD003E



2E0010

Previews

White Background



This preview shows how the Hex color DC4D80 looks on a white background.

Color Contrast Check

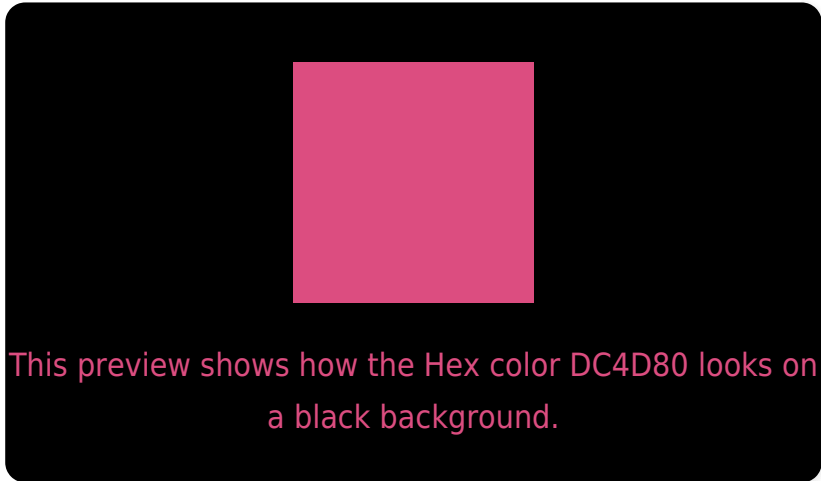
Large Text (above 18pt) WCAG AA ✓ Pass

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 DC4D80 Background



This preview shows how black text looks on a background with the Hex color DC4D80.



This preview shows how white text looks on a background with the Hex color DC4D80.

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
DC4D80

Protanopia
7B819F

Deuteranopia
927D79



Tritanopia
D9555A

Trichromacy



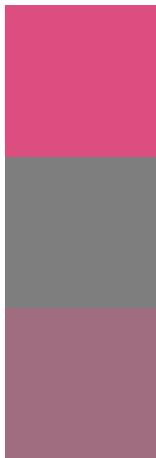
Original Color
DC4D80

Protanomaly
9E6E94

Deuteranomaly
AD6C7C

Tritanomaly
DA5268

Monochromacy



Original Color
DC4D80

Achromatopsia
7E7E7E

Achromatomaly
A06C7F

CSS Examples

Text

The CSS property to change the color of the text to Hex DC4D80 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 #DC4D80 looks like.

```
.text, #text, p{  
    color:#DC4D80  
}
```

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 #DC4D80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC4D80
}
```

Border

The CSS property to change the border of an element to Hex DC4D80 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
#DC4D80 }
```

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

```
.border{ border-color:#DC4D80 }
```

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

Here you see how a box with a 4 pixel #DC4D80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC4D80; -webkit-box-shadow:4px 4px  
4px 4px #DC4D80; box-shadow:4px 4px 4px  
4px #DC4D80 }
```

Background

The CSS property to change the background color of an element to Hex DC4D80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC4D80 }
```

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

```
.background{ background-color:#DC4D80 }
```

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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