

Converting Colors

Hex(DC76AD)

Have a look what the booklet for
Hex(DC76AD) contains.

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Color

Hex(DC76AD)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | DC76AD |
| RGB | 220, 118, 173 |
| RGB Percent | 86%, 46%, 68% |
| CMY | 0.1373, 0.5373, 0.3216 |
| CMYK | 0.00, 0.46, 0.21, 0.14 |
| HSL | 328°, 59%, 66% |
| HSV | 328°, 46%, 86% |
| XYZ | 43.5365, 31.1896, 43.2607 |
| YIQ | 154.7680, 43.1370, 38.7290 |

Conversions

Conversions Part 2

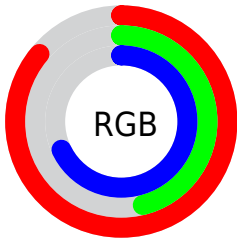
| Format | Color |
|-------------------------------------|-----------------------------------------------|
| RYB | 220, 118, 173 |
| Decimal | 14448301 |
| CIELab | 62.67, 46.34, -11.40 |
| CIELCh | 63, 47.724, 346.183 |
| Yxy | 31.1896, 0.3690, 0.2643 |
| Android (android.graphics.Color) | 4292638381 (0xFFDC76AD) |
| YUV | 154.7680, 8.9884, 57.2085 |
| Hunter-Lab | 55.8477, 41.4175, -6.8338 |

Details

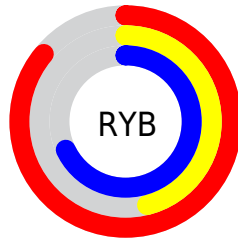
The Hex color **DC76AD** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **76DCA5**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **FFADE4**, and **A34179** is the 20% darker color. If you saturate the color by 10%, you get **DC60A3**, and if you desaturate by 10%, it is **DC8CB7**.

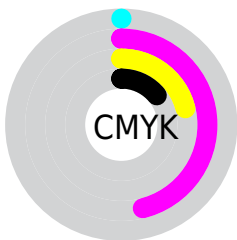
Distribution



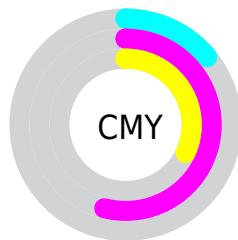
- Red (86%)
- Green (46%)
- Blue (68%)



- Red (86%)
- Yellow (46%)
- Blue (68%)



- Cyan (0%)
- Magenta (46%)
- Yellow (21%)
- Black (14%)



- Cyan (14%)
- Magenta (54%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color DC76AD 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 DC76AD by changing the saturation by 10% instead.

 DC76AD

 DC76AD

FFFFFF

 BF5C92

 FFADE4

 A34179

 FFC9FF

 872660

 FFE5FF

 6C0348

 510032

 38001D

 1C0001

 000000

 DC76AD

 DC76AD

 DC60A3

 DC8CB7

 DC4A99

 DCA2C1

 DC348F

 DCB8CB

 DC1E84

 DCCED6

 DC087A

 DCE4E0

 DC0077

 DCFAEA

 DCFFF4

 DCFFFE

 DCFFFF

Harmonies

Analogous

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



B883D3



DC76AD



E77482

Triad

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



DC76AD



9A9C42



00AAD4

Complementary

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



DC76AD



76DCA5

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.



00ADAE



DC76AD



6AA65B

Square

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



DC76AD



C18E44



17AC82



00A2E9

Rectangle

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



DC76AD



E27A68



17AC82



00ABC8

Sweetspot

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



DC76AD



FFDBEF



A476DC



806A76



000000



808080

Same Dimension

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



DC76AD



FF70BD



DC767B



6E6369



AD005D



2E0019

Inverse Universe

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



DC76AD



FF70BD



76DCD7



6E6369



AD005D



2E0019

Previews

White Background



This preview shows how the Hex color DC76AD looks on a white background.

Color Contrast Check

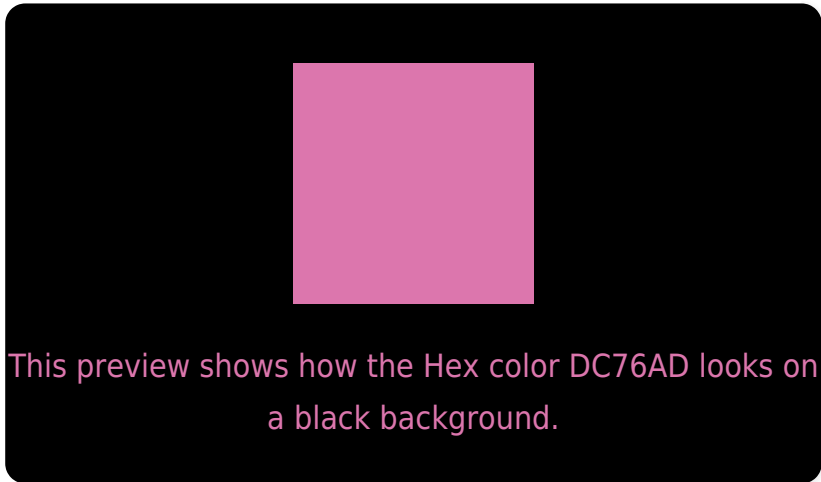
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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

Hex DC76AD Background



This preview shows how black text looks on a background with the Hex color DC76AD.



This preview shows how white text looks on a background with the Hex color DC76AD.

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
DC76AD

Protanopia
8D96C3

Deuteranopia
9F94A8



Tritanopia
D87E87

Trichromacy



Original Color
DC76AD



Protanomaly
AA8ABB



Deuteranomaly
B589AA

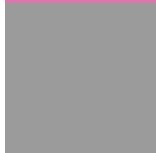


Tritanomaly
D97B95

Monochromacy



Original Color
DC76AD



Achromatopsia
9B9B9B



Achromatomaly
B38EA2

CSS Examples

Text

The CSS property to change the color of the text to Hex DC76AD 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 #DC76AD looks like.

```
.text, #text, p{  
  color:#DC76AD  
}
```

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 #DC76AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC76AD
}
```

Border

The CSS property to change the border of an element to Hex DC76AD 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
#DC76AD }
```

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

```
.border{ border-color:#DC76AD }
```

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

Here you see how a box with a 4 pixel #DC76AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC76AD; -webkit-box-shadow:4px 4px  
4px 4px #DC76AD; box-shadow:4px 4px 4px  
4px #DC76AD }
```

Background

The CSS property to change the background color of an element to Hex DC76AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC76AD }
```

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

```
.background{ background-color:#DC76AD }
```

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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