

# Converting Colors

Hex(D76E93)

Have a look what the booklet for  
Hex(D76E93) contains.

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# **Color**

**Hex(D76E93)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D76E93
RGB	215, 110, 147
RGB Percent	84%, 43%, 58%
CMY	0.1569, 0.5686, 0.4235
CMYK	0.00, 0.49, 0.32, 0.16
HSL	339°, 57%, 64%
HSV	339°, 49%, 84%
XYZ	38.8667, 27.7055, 30.9030
YIQ	145.6130, 50.7030, 33.7670

# Conversions

## Conversions Part 2

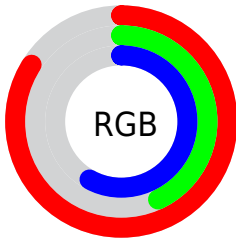
Format	Color
R <sub>YB</sub>	215, 110, 147
Decimal	14118547
CIE Lab	59.62, 45.17, -1.05
CIE LCh	60, 45.178, 358.665
Yxy	27.7055, 0.3987, 0.2842
Android (android.graphics.Color)	4292308627 (0xFFD76E93)
YUV	145.6130, 0.6838, 60.8524
Hunter-Lab	52.6360, 39.6923, 2.0357

# Details

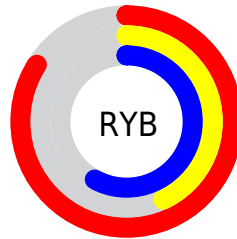
The Hex color **D76E93** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **6ED7B2**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **FFA4C9**, and **9D3961** is the 20% darker color. If you saturate the color by 10%, you get **D75985**, and if you desaturate by 10%, it is **D784A1**.

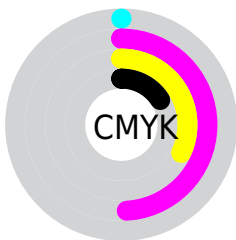
# Distribution



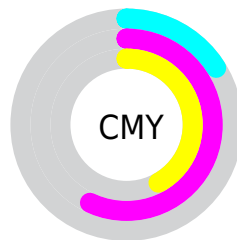
- Red (84%)
- Green (43%)
- Blue (58%)



- Red (84%)
- Yellow (43%)
- Blue (58%)



- Cyan (0%)
- Magenta (49%)
- Yellow (32%)
- Black (16%)



- Cyan (16%)
- Magenta (57%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D76E93 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 D76E93 by changing the saturation by 10% instead.



 D76E93

 D76E93


FFFFFF

 BA5479

 FFA4C9

 9D3961

 FFC0E5

 811E49

 FFDDFF

 660032

 FFFAFF

 4B001E

 340003

 010000

 000000

 D76E93

 D76E93

 D75985

 D784A1

 D74377

 D799AF

 D72E69

 D7AFBD

 D7185B

 D7C4CB

 D7034D

 D7DAD9

 D7004C

 D7EFE7

 D7FFF4

 D7FFFF

# Harmonies

## Analogous

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



BF77BA



D76E93



D9726C

# Triad

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



D76E93



809947



009ED3

# Complementary

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



D76E93



6ED7B2

# 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.



00A3B4



D76E93



4EA065

# Square

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



D76E93



A88D3D



00A48C



4194DF

# Rectangle

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



D76E93



CF7A55



00A48C



00A0CA



# Sweetspot

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



D76E93



FFD9E6



B16ED7



806971



000000



808080



# Same Dimension

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



D76E93



FF699E



D77C6E



6B6064



AB003C



2B000F



# Inverse Universe

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



D76E93



FF699E



6EC9D7



6B6064



AB003C



2B000F



# Previews

## White Background



This preview shows how the Hex color D76E93 looks on a white background.

## Color Contrast Check

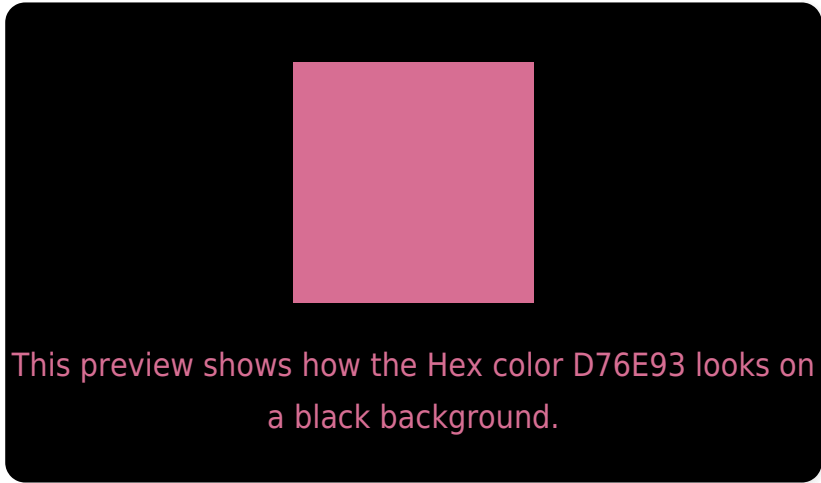
Large Text (above 18pt) WCAG AA ✓ Pass

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 D76E93 Background



This preview shows how black text looks on a background with the Hex color D76E93.



This preview shows how white text looks on a background with the Hex color D76E93.

# 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**  
D5737B

# Trichromacy



**Original Color**  
D76E93



**Protanomaly**  
A783A0



**Deuteranomaly**  
B38090



**Tritanomaly**  
D67184

# Monochromacy



**Original Color**  
D76E93



**Achromatopsia**  
929292



**Achromatomaly**  
AB8592

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D76E93 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 #D76E93 looks like.

```
.text, #text, p{  
    color:#D76E93  
}
```

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 #D76E93 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D76E93
}
```

## Border

The CSS property to change the border of an element to Hex D76E93 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
#D76E93 }
```

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

```
.border{ border-color:#D76E93 }
```

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

Here you see how a box with a 4 pixel #D76E93 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D76E93; -webkit-box-shadow:4px 4px  
4px 4px #D76E93; box-shadow:4px 4px 4px  
4px #D76E93 }
```

# Background

The CSS property to change the background color of an element to Hex D76E93 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D76E93 }
```

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

```
.background{ background-color:#D76E93 }
```

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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