

# Converting Colors

Hex(D76EC2)

Have a look what the booklet for  
Hex(D76EC2) contains.

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# **Color**

**Hex(D76EC2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D76EC2
RGB	215, 110, 194
RGB Percent	84%, 43%, 76%
CMY	0.1569, 0.5686, 0.2392
CMYK	0.00, 0.49, 0.10, 0.16
HSL	312°, 57%, 64%
HSV	312°, 49%, 84%
XYZ	43.3379, 29.4940, 54.4477
YIQ	150.9710, 35.6160, 48.3840

# Conversions

## Conversions Part 2

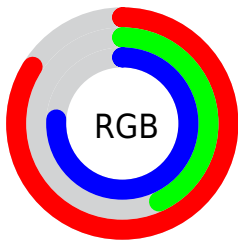
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	215, 110, 194
Decimal	14118594
CIE Lab	61.22, 52.02, -25.62
CIE LCh	61, 57.981, 333.781
Yxy	29.4940, 0.3405, 0.2317
Android (android.graphics.Color)	4292308674 (0xFFD76EC2)
YUV	150.9710, 21.2133, 56.1534
Hunter-Lab	54.3084, 47.4027, -21.4263

# Details

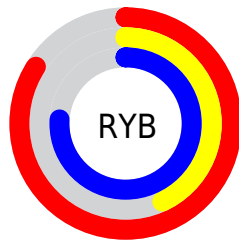
The Hex color **D76EC2** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **6ED783**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **FFA5FB**, and **9E388C** is the 20% darker color. If you saturate the color by 10%, you get **D759BE**, and if you desaturate by 10%, it is **D784C6**.

# Distribution



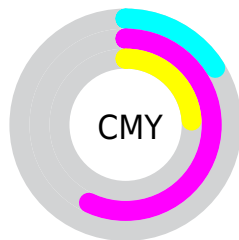
- Red (84%)
- Green (43%)
- Blue (76%)



- Red (84%)
- Yellow (43%)
- Blue (76%)



- Cyan (0%)
- Magenta (49%)
- Yellow (10%)
- Black (16%)



- Cyan (16%)
- Magenta (57%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D76EC2 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 D76EC2 by changing the saturation by 10% instead.



 D76EC2

 D76EC2

FFFFFF

 BA53A7

 FFA5FB

 9E388C

 FFC1FF

 821A72

 FFDEFF

 67005A

 FFFBFF

 4D0042

 35002C

 150016

 000000

 D76EC2

 D76EC2

 D759BE

 D784C6

 D743B9

 D799CB

 D72EB5

 D7AFCF

 D718B1

 D7C4D3

 D703AC

 D7DAD8

 D700AC

 D7EFDC

 D7FFE0

 D7FFE4

 D7FFE9

# Harmonies

## Analogous

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



9E83E9



D76EC2



F0648F

# Triad

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



D76EC2



A99322



00ABCB

# Complementary

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



D76EC2



6ED783

# 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.



00AC99



D76EC2



74A138

# Square

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



D76EC2



D28035



16A964



00A5EF

# Rectangle

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



D76EC2



F0686D



16A964



00ACBC



# Sweetspot

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



D76EC2



FFD9F7



836ED7



80697B



000000



808080



# Same Dimension

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



D76EC2



FF69E1



D76E8E



6B6069



AB0089



2B0023



# Inverse Universe

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



D76EC2



FF69E1



6ED7B8



6B6069



AB0089

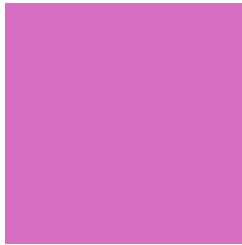


2B0023



# Previews

## White Background



This preview shows how the Hex color D76EC2 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

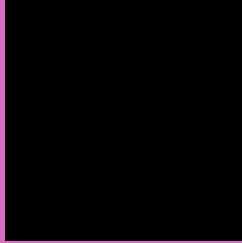
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex D76EC2 Background



This preview shows how black text looks on a background with the Hex color D76EC2.



This preview shows how white text looks on a background with the Hex color D76EC2.

# 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](#).

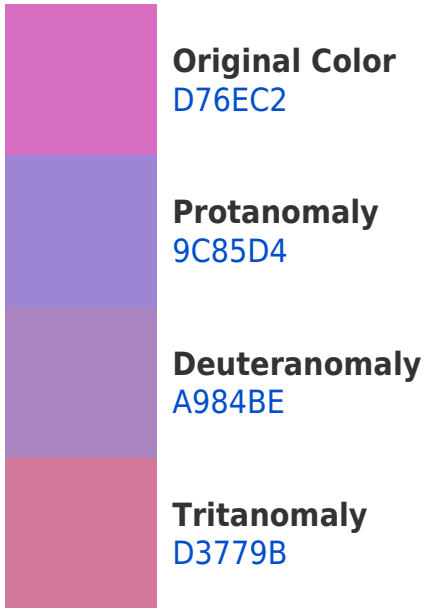
## Dichromacy





**Tritanopia**  
D07C85

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D76EC2 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 #D76EC2 looks like.

```
.text, #text, p{  
    color:#D76EC2  
}
```

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 #D76EC2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D76EC2
}
```

## Border

The CSS property to change the border of an element to Hex D76EC2 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
#D76EC2 }
```

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

```
.border{ border-color:#D76EC2 }
```

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

Here you see how a box with a 4 pixel #D76EC2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D76EC2; -webkit-box-shadow:4px 4px  
4px 4px #D76EC2; box-shadow:4px 4px 4px  
4px #D76EC2 }
```

# Background

The CSS property to change the background color of an element to Hex D76EC2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D76EC2 }
```

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

```
.background{ background-color:#D76EC2 }
```

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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