

Converting Colors

Hex(C76EC3)

Have a look what the booklet for
Hex(C76EC3) contains.

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Color

Hex(C76EC3)

Conversions

Conversions Part 1

Format	Color
Hex	C76EC3
RGB	199, 110, 195
RGB Percent	78%, 43%, 76%
CMY	0.2196, 0.5686, 0.2353
CMYK	0.00, 0.45, 0.02, 0.22
HSL	303°, 44%, 61%
HSV	303°, 45%, 78%
XYZ	38.9794, 27.2341, 54.8320
YIQ	146.3010, 25.7590, 45.3030

Conversions

Conversions Part 2

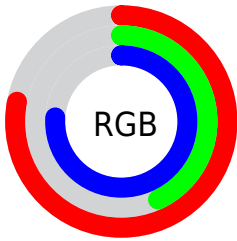
Format	Color
R _Y B	199, 110, 195
Decimal	13070019
CIE Lab	59.19, 47.38, -29.48
CIE LCh	59, 55.806, 328.112
Yxy	27.2341, 0.3220, 0.2250
Android (android.graphics.Color)	4291260099 (0xFFC76EC3)
YUV	146.3010, 24.0086, 46.2170
Hunter-Lab	52.1863, 42.0007, -25.7654

Details

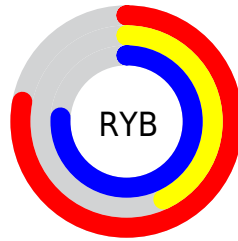
The Hex color **C76EC3** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **6EC772**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **FFA4FC**, and **8F3A8D** is the 20% darker color. If you saturate the color by 10%, you get **C75AC2**, and if you desaturate by 10%, it is **C782C4**.

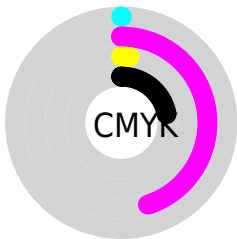
Distribution



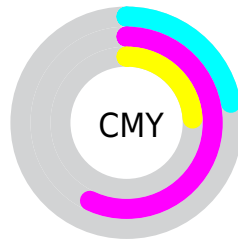
- Red (78%)
- Green (43%)
- Blue (76%)



- Red (78%)
- Yellow (43%)
- Blue (76%)



- Cyan (0%)
- Magenta (45%)
- Yellow (2%)
- Black (22%)



- Cyan (22%)
- Magenta (57%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color C76EC3 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 C76EC3 by changing the saturation by 10% instead.

 C76EC3

 C76EC3

FFFFFF

 AB54A8

 FFA4FC

 8F3A8D

 FFC0FF

 741E73

 FFDCFF

 5A005A

 FFF9FF

 400042

 2B002C

 000016

 000000

 C76EC3

 C76EC3

 C75AC2

 C782C4

 C746C1

 C796C5

 C732C0

 C7AAC6

 C71EBF

 C7BEC7

 C70ABF

 C7D2C7

 C700BE

 C7E5C8

 C7F9C9

 C7FFCA

 C7FFCB

Harmonies

Analogous

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



8A83E5



C76EC3



E46194

Triad

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



C76EC3



AB8B23



00A6BB

Complementary

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



C76EC3



6EC772

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.



00A68A



C76EC3



7B9931

Square

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



C76EC3



D0783B



35A258



00A0E1

Rectangle

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



C76EC3



E86373



35A258



00A6AB

Sweetspot

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



C76EC3



FFDEFE



716EC7



806B7F



000000



808080

Same Dimension

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



C76EC3



FF75F9



C76E98



635A63



A3009C



240022

Inverse Universe

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



C76EC3



FF75F9



6EC79D



635A63



A3009C



240022

Previews

White Background



This preview shows how the Hex color C76EC3 looks on a white background.

Color Contrast Check

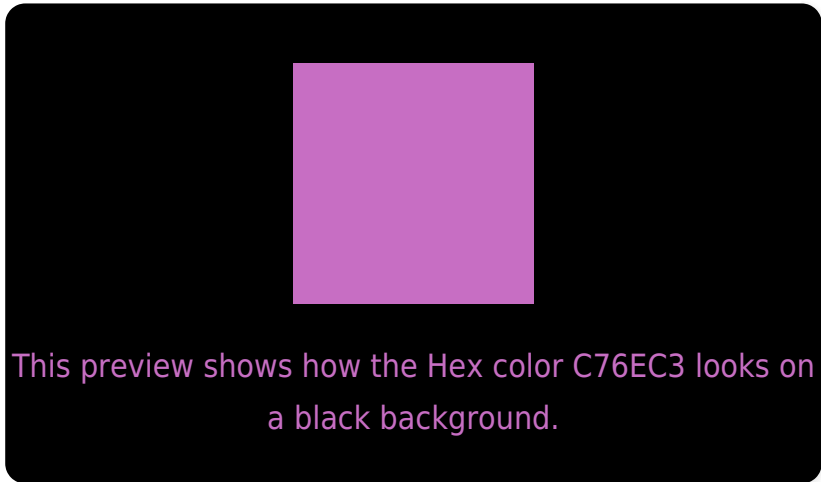
Large Text (above 18pt) WCAG AA ✓ Pass

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

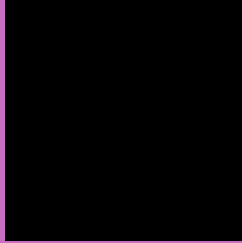
Any Text WCAG AA ✓ Pass

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 C76EC3 Background



This preview shows how black text looks on a background with the Hex color C76EC3.

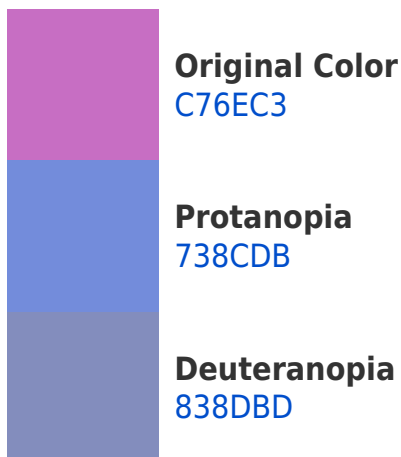



This preview shows how white text looks on a background with the Hex color C76EC3.

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
BF7C85

Trichromacy



Original Color
C76EC3



Protanomaly
9281D2



Deuteranomaly
9C82BF

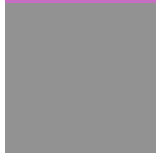


Tritanomaly
C2779C

Monochromacy



Original Color
C76EC3



Achromatopsia
929292



Achromatomaly
A585A4

CSS Examples

Text

The CSS property to change the color of the text to Hex C76EC3 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 #C76EC3 looks like.

```
.text, #text, p{  
    color:#C76EC3  
}
```

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 #C76EC3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C76EC3
}
```

Border

The CSS property to change the border of an element to Hex C76EC3 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
#C76EC3 }
```

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

```
.border{ border-color:#C76EC3 }
```

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

Here you see how a box with a 4 pixel #C76EC3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C76EC3; -webkit-box-shadow:4px 4px  
4px 4px #C76EC3; box-shadow:4px 4px 4px  
4px #C76EC3 }
```

Background

The CSS property to change the background color of an element to Hex C76EC3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C76EC3 }
```

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

```
.background{ background-color:#C76EC3 }
```

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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