

Converting Colors

Hex(CE76E2)

Have a look what the booklet for
Hex(CE76E2) contains.

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Color

Hex(CE76E2)

Conversions

Conversions Part 1

Format	Color
Hex	CE76E2
RGB	206, 118, 226
RGB Percent	81%, 46%, 89%
CMY	0.1922, 0.5373, 0.1137
CMYK	0.09, 0.48, 0.00, 0.11
HSL	289°, 65%, 67%
HSV	289°, 48%, 89%
XYZ	45.6595, 31.5697, 75.6385
YIQ	156.6240, 17.7800, 52.2440

Conversions

Conversions Part 2

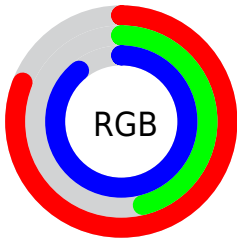
Format	Color
R _Y B	206, 118, 226
Decimal	13530850
CIE Lab	62.99, 51.14, -40.95
CIE LCh	63, 65.511, 321.314
Yxy	31.5697, 0.2987, 0.2065
Android (android.graphics.Color)	4291720930 (0xFFCE76E2)
YUV	156.6240, 34.2024, 43.3028
Hunter-Lab	56.1869, 46.7285, -40.4851

Details

The Hex color **CE76E2** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **8AE276**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **FFADFF**, and **9541AA** is the 20% darker color. If you saturate the color by 10%, you get **CA5FE2**, and if you desaturate by 10%, it is **D28DE2**.

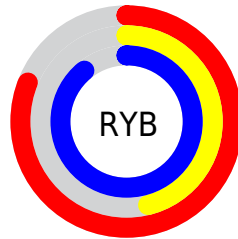
Distribution



Red (81%)

Green (46%)

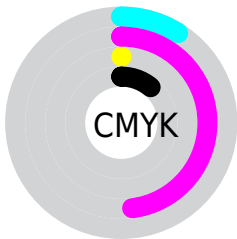
Blue (89%)



Red (81%)

Yellow (46%)

Blue (89%)

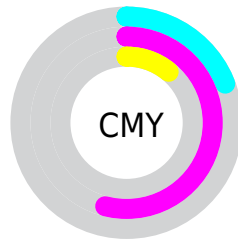


Cyan (9%)

Magenta (48%)

Yellow (0%)

Black (11%)



Cyan (19%)

Magenta (54%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color CE76E2 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 CE76E2 by changing the saturation by 10% instead.

 CE76E2

 CE76E2

FFFFFF

 B15CC6

 FFADFF

 9541AA

 FFC9FF

 7A268F

 FFE5FF

 5F0375

 45005C

 2C0044

 0E002D

 000117

 000000

■ CE76E2

■ CE76E2

■ CA5FE2

■ D28DE2

■ C649E2

■ D6A3E2

■ C132E2

■ DBBAE2

■ BD1CE2

■ DFD0E2

■ B905E2

■ E3E7E2

■ B800E2

■ E7FEE2

■ EBFFE2

■ EFFE2

■ F4FFE2

Harmonies

Analogous

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



7790FF



CE76E2



F861AC

Triad

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



CE76E2



C49012



00B4C1

Complementary

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



CE76E2



8AE276

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.



00B385



CE76E2



8DA21A

Square

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



CE76E2



EC783E



41AD4B



00AFF3

Rectangle

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



CE76E2



FF5F85



41AD4B



00B4AE

Sweetspot

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



CE76E2



F8DBFF



768CE2



7B6A80



000000



808080

Same Dimension

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



CE76E2



E46EFF



E276C2



6E6570



8F00B0



270030

Inverse Universe

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



E2768A



FF6E89



76E296



706567



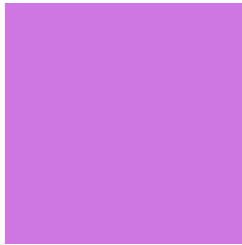
B00021



300009

Previews

White Background



This preview shows how the Hex color CE76E2 looks on a white background.

Color Contrast Check

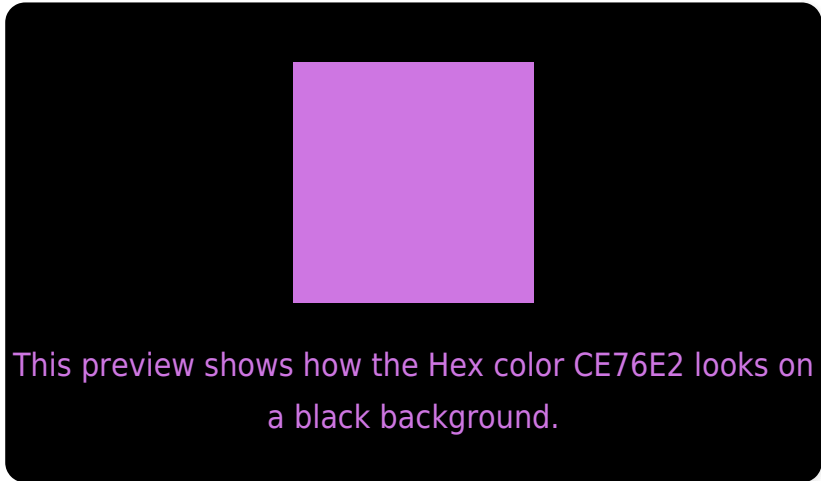
Large Text (above 18pt) WCAG AA × Fail

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

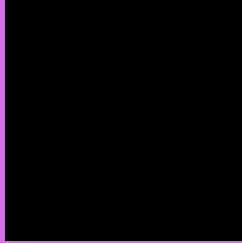
Any Text WCAG AA ✓ Pass

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 CE76E2 Background



This preview shows how black text looks on a background with the Hex color CE76E2.

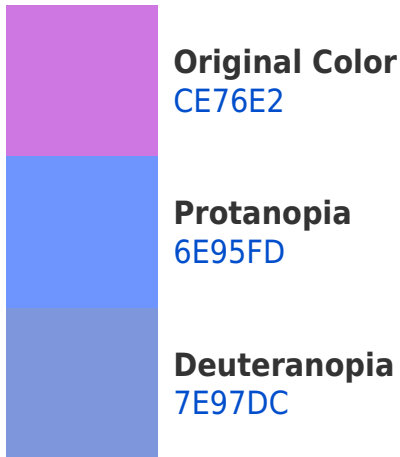


This preview shows how white text looks on a background with the Hex color CE76E2.

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
C38993

Trichromacy



Original Color
CE76E2



Protanomaly
918AF3



Deuteranomaly
9B8BDE



Tritanomaly
C782B0

Monochromacy



Original Color
CE76E2



Achromatopsia
9D9D9D



Achromatomaly
AF8FB6

CSS Examples

Text

The CSS property to change the color of the text to Hex CE76E2 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 #CE76E2 looks like.

```
.text, #text, p{  
    color:#CE76E2  
}
```

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 #CE76E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE76E2
}
```

Border

The CSS property to change the border of an element to Hex CE76E2 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
#CE76E2 }
```

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

```
.border{ border-color:#CE76E2 }
```

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

Here you see how a box with a 4 pixel #CE76E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE76E2; -webkit-box-shadow:4px 4px  
4px 4px #CE76E2; box-shadow:4px 4px 4px  
4px #CE76E2 }
```

Background

The CSS property to change the background color of an element to Hex CE76E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE76E2 }
```

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

```
.background{ background-color:#CE76E2 }
```

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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