

Converting Colors

Hex(C974DE)

Have a look what the booklet for
Hex(C974DE) contains.

Hex(C974DE)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(C974DE)

Conversions

Conversions Part 1

Format	Color
Hex	C974DE
RGB	201, 116, 222
RGB Percent	79%, 45%, 87%
CMY	0.2118, 0.5451, 0.1294
CMYK	0.09, 0.48, 0.00, 0.13
HSL	288°, 62%, 66%
HSV	288°, 48%, 87%
XYZ	43.5176, 30.1822, 72.6394
YIQ	153.4990, 16.6340, 50.9860

Conversions

Conversions Part 2

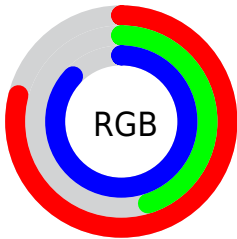
Format	Color
R_{YB}	201, 116, 222
Decimal	13202654
CIE _{Lab}	61.81, 49.98, -40.60
CIE _{LCh}	62, 64.391, 320.911
Yxy	30.1822, 0.2974, 0.2062
Android (android.graphics.Color)	4291392734 (0xFFC974DE)
YUV	153.4990, 33.7710, 41.6584
Hunter-Lab	54.9383, 45.2508, -39.9363

Details

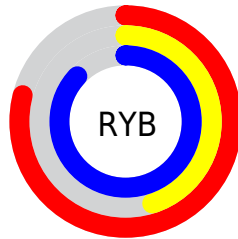
The Hex color **C974DE** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **89DE74**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **FFAAFF**, and **9140A6** is the 20% darker color. If you saturate the color by 10%, you get **C55EDE**, and if you desaturate by 10%, it is **CD8ADE**.

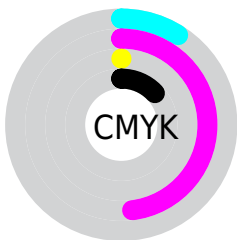
Distribution



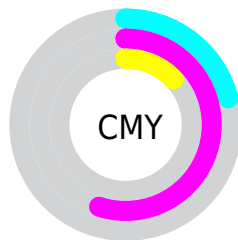
- Red (79%)
- Green (45%)
- Blue (87%)



- Red (79%)
- Yellow (45%)
- Blue (87%)



- Cyan (9%)
- Magenta (48%)
- Yellow (0%)
- Black (13%)



- Cyan (21%)
- Magenta (55%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color C974DE 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 C974DE by changing the saturation by 10% instead.

 C974DE

 C974DE

FFFFFF

 AD5AC2

 FFAAFF

 9140A6

 FFC6FF

 76258C

 FFE3FF

 5B0272

 410059

 290041

 03002A

 000114

 000000

 C974DE

 C974DE

 C55EDE

 CD8ADE

 C048DE

 D2A0DE

 BC31DE

 D6B7DE

 B71BDE

 DBCDDE

 B305DE

 DFE3DE

 B200DE

 E3F9DE

 E8FFDE

 ECFFDE

 F1FFDE

Harmonies

Analogous

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



738EFF



C974DE



F35FA9

Triad

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



C974DE



C08C13



00B0BC

Complementary

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



C974DE



89DE74

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.



00AF81



C974DE



8B9E19

Square

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



C974DE



E8753D



41AA49



00ACED

Rectangle

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



C974DE



FC5D83



41AA49



00B0A9

Sweetspot

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



C974DE



F8DBFF



7489DE



7B6A80



000000



808080

Same Dimension

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



C974DE



E26EFF



DE74BE



6E6570



8D00B0



270030

Inverse Universe

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



DE7489



FF6E8A



74DE94



706567



B00023



30000A

Previews

White Background



This preview shows how the Hex color C974DE looks on a white background.

Color Contrast Check

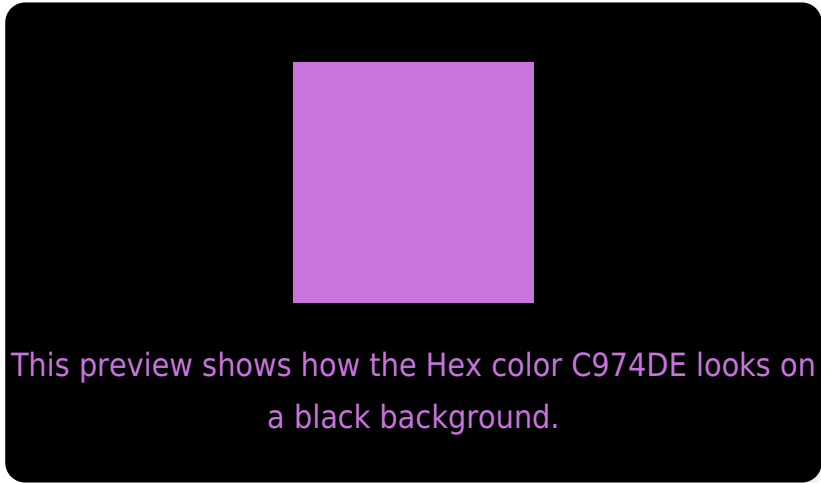
Large Text (above 18pt) WCAG AA × Fail

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

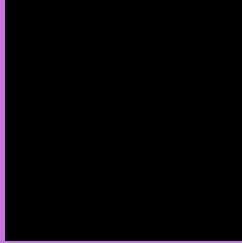
Any Text WCAG AA ✓ Pass

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 C974DE Background



This preview shows how black text looks on a background with the Hex color C974DE.

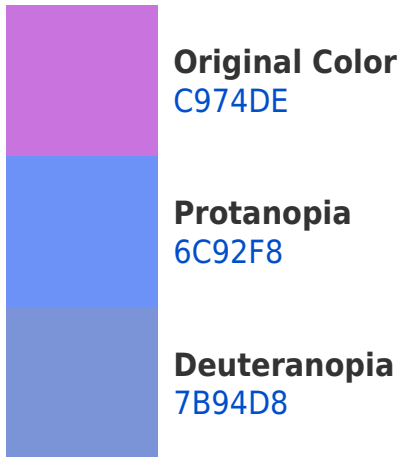


This preview shows how white text looks on a background with the Hex color C974DE.

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
BE8690

Trichromacy



Original Color
C974DE



Protanomaly
8E87EF



Deuteranomaly
9788DA



Tritanomaly
C27FAC

Monochromacy



Original Color
C974DE



Achromatopsia
999999



Achromatomaly
AA8CB2

CSS Examples

Text

The CSS property to change the color of the text to Hex C974DE 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 #C974DE looks like.

```
.text, #text, p{  
    color:#C974DE  
}
```

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 #C974DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C974DE
}
```

Border

The CSS property to change the border of an element to Hex C974DE 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
#C974DE }
```

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

```
.border{ border-color:#C974DE }
```

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

Here you see how a box with a 4 pixel #C974DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C974DE; -webkit-box-shadow:4px 4px  
4px 4px #C974DE; box-shadow:4px 4px 4px  
4px #C974DE }
```

Background

The CSS property to change the background color of an element to Hex C974DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C974DE }
```

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

```
.background{ background-color:#C974DE }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor