

Converting Colors

Hex(9970CC)

Have a look what the booklet for
Hex(9970CC) contains.

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Color

Hex(9970CC)

Conversions

Conversions Part 1

Format	Color
Hex	9970CC
RGB	153, 112, 204
RGB Percent	60%, 44%, 80%
CMY	0.4000, 0.5608, 0.2000
CMYK	0.25, 0.45, 0.00, 0.20
HSL	267°, 47%, 62%
HSV	267°, 45%, 80%
XYZ	29.8301, 22.7203, 59.9400
YIQ	134.7470, -5.0960, 37.3040

Conversions

Conversions Part 2

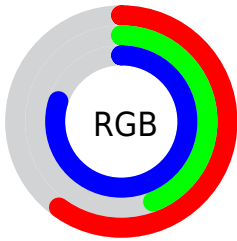
Format	Color
R _Y B	153, 112, 204
Decimal	10055884
CIE Lab	54.78, 34.69, -41.87
CIE LCh	55, 54.376, 309.639
Yxy	22.7203, 0.2652, 0.2020
Android (android.graphics.Color)	4288245964 (0xFF9970CC)
YUV	134.7470, 34.1417, 16.0079
Hunter-Lab	47.6658, 28.2934, -41.1914

Details

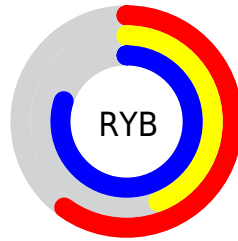
The Hex color **9970CC** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **A3CC70**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **D1A4FF**, and **633F95** is the 20% darker color. If you saturate the color by 10%, you get **8E5CCC**, and if you desaturate by 10%, it is **A484CC**.

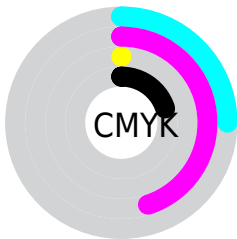
Distribution



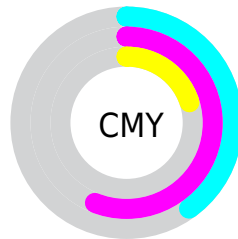
- Red (60%)
- Green (44%)
- Blue (80%)



- Red (60%)
- Yellow (44%)
- Blue (80%)



- Cyan (25%)
- Magenta (45%)
- Yellow (0%)
- Black (20%)



- Cyan (40%)
- Magenta (56%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9970CC 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 9970CC by changing the saturation by 10% instead.

■ 9970CC

■ 9970CC

FFFFFF

■ 7E57B0

■ D1A4FF

■ 633F95

■ EEC0FF

■ 49287B

■ FFDCFF

■ 2F1062

■ FFF9FF

■ 150049

■ 000032

■ 00021C

■ 000000

■ 9970CC

■ 9970CC

8E5CCC

A484CC

8247CC

B099CC

7733CC

BBADCC

6C1ECC

C6C2CC

600ACC

D2D6CC

5B00CC

DDEACC

E8FFCC

F3FFCC

FFFFCC

Harmonies

Analogous

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



3D83E0



9970CC



C75DA5

Triad

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



9970CC



B57526



009A91

Complementary

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



9970CC



A3CC70

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.



009761



9970CC



8D861B

Square

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



9970CC



D16249



5A9135



0098BE

Rectangle

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



9970CC



D65786



5A9135



009981

Sweetspot

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



9970CC



EBDBFF



70A4CC



736A80



000000



808080

Same Dimension

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



9970CC



B375FF



C670CC



605C66



4A00A6



110026

Inverse Universe

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



CC70A3



FF75C2



76CC70



665C61



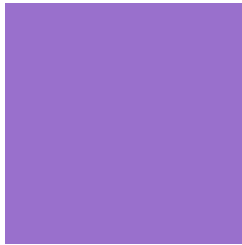
A6005C



260015

Previews

White Background



This preview shows how the Hex color 9970CC looks on a white background.

Color Contrast Check

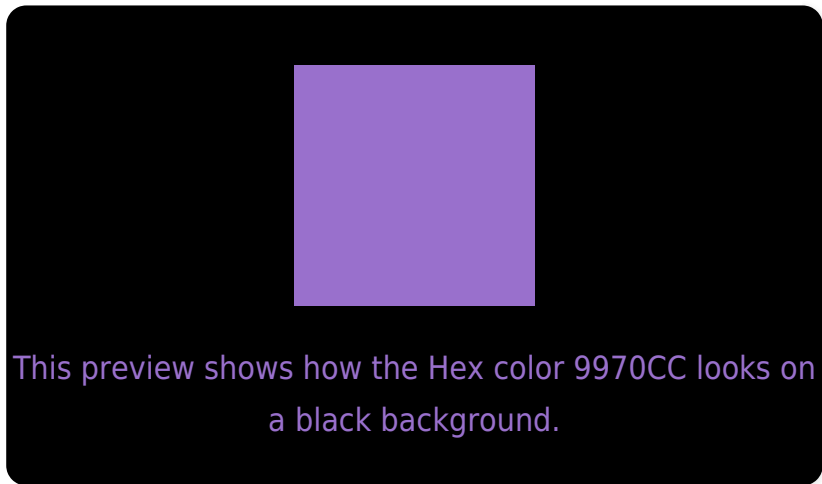
Large Text (above 18pt) WCAG AA ✓ Pass

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 9970CC Background



This preview shows how black text looks on a background with the Hex color 9970CC.

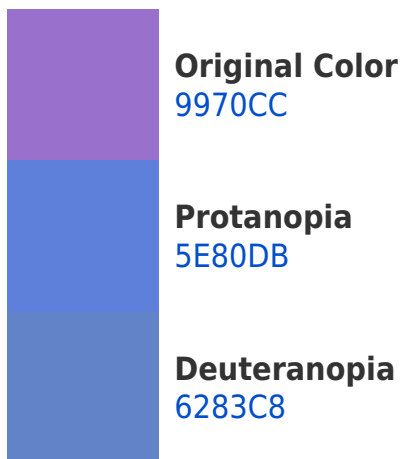


This preview shows how white text looks on a background with the Hex color 9970CC.

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](#).

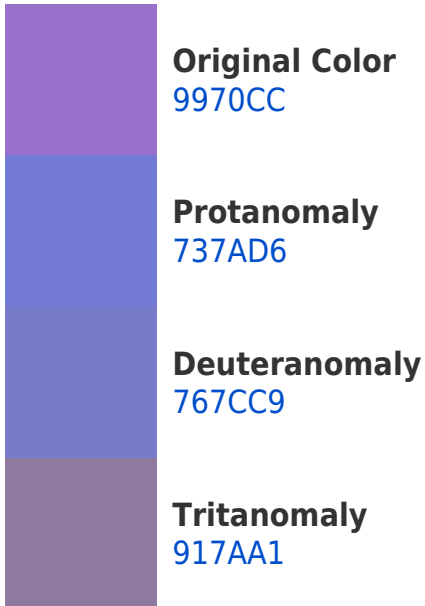
Dichromacy



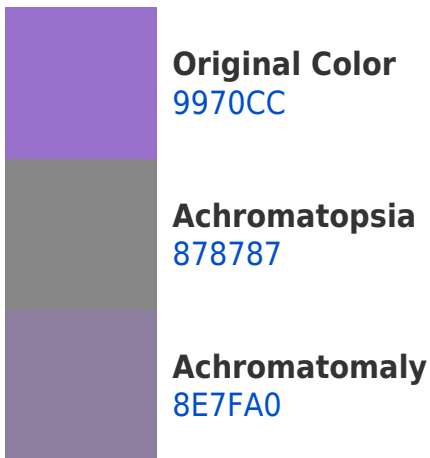


Tritanopia
8D7F89

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9970CC 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 #9970CC looks like.

```
.text, #text, p{  
    color:#9970CC  
}
```

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 #9970CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9970CC
}
```

Border

The CSS property to change the border of an element to Hex 9970CC is called "border". The border property can be set on classes, ids or directly on the HTML element.

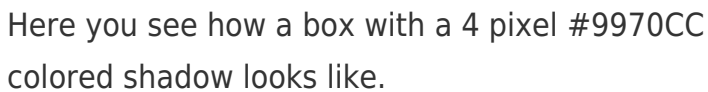
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9970CC }
```

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

```
.border{ border-color:#9970CC }
```

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



Here you see how a box with a 4 pixel #9970CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9970CC; -webkit-box-shadow:4px 4px  
4px 4px #9970CC; box-shadow:4px 4px 4px  
4px #9970CC }
```

Background

The CSS property to change the background color of an element to Hex 9970CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9970CC }
```

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

```
.background{ background-color:#9970CC }
```

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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