

Converting Colors

Hex(999CCC)

Have a look what the booklet for
Hex(999CCC) contains.

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Color

Hex(999CCC)

Conversions

Conversions Part 1

Format	Color
Hex	999CCC
RGB	153, 156, 204
RGB Percent	60%, 61%, 80%
CMY	0.4000, 0.3882, 0.2000
CMYK	0.25, 0.24, 0.00, 0.20
HSL	236°, 33%, 70%
HSV	236°, 25%, 80%
XYZ	35.9244, 34.9089, 61.9714
YIQ	160.5750, -17.1960, 14.2920

Conversions

Conversions Part 2

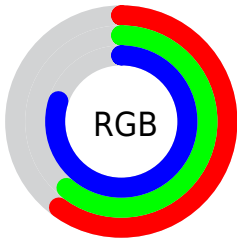
Format	Color
RYB	153, 156, 204
Decimal	10067148
CIELab	65.68, 9.45, -24.92
CIElCh	66, 26.653, 290.769
Yxy	34.9089, 0.2705, 0.2629
Android (android.graphics.Color)	4288257228 (0xFF999CCC)
YUV	160.5750, 21.4085, -6.6433
Hunter-Lab	59.0837, 5.1360, -20.8291

Details

The Hex color **999CCC** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **CCC999**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **D0D2FF**, and **656996** is the 20% darker color. If you saturate the color by 10%, you get **8589CC**, and if you desaturate by 10%, it is **ADAFCC**.

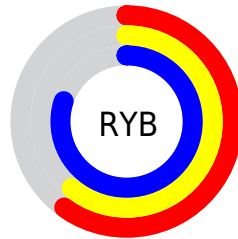
Distribution



Red (60%)

Green (61%)

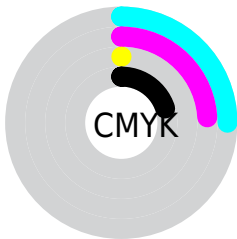
Blue (80%)



Red (60%)

Yellow (61%)

Blue (80%)

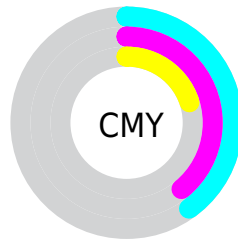


Cyan (25%)

Magenta (24%)

Yellow (0%)

Black (20%)



Cyan (40%)

Magenta (39%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 999CCC 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 999CCC by changing the saturation by 10% instead.

■ 999CCC

■ 999CCC

FFFFFF

■ 7F82B0

■ D0D2FF

■ 656996

■ EDEFFF

■ 4C517C

■ 343A63

■ 1B254B

■ 031034

■ 00021E

■ 000001

■ 000000

■ 999CCC

■ 999CCC

■ 8589CC

■ ADAFCC

■ 7076CC

■ C2C2CC

■ 5C62CC

■ D6D6CC

■ 474FCC

■ EBE9CC

■ 333CCC

■ FFFCCC

■ 1F29CC

■ FFFFCC

■ 0A16CC

■ 000CCC

Harmonies

Analogous

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



77A4CE



999CCC



B794BE

Triad

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



999CCC



C9947B



69AC97

Complementary

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



999CCC



CCC999

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.



84A981



999CCC



B79B71

Square

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



999CCC



D08F90



9FA372



57ADB0

Rectangle

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



999CCC



C590B0



9FA372



72AC8F

Sweetspot

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



999CCC



EBECFF



99CCC9



737480



000000



808080

Same Dimension

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



999CCC



B3B7FF



AF99CC



5C5C66



000AA6



000226

Inverse Universe

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



CC999C



FFB3B7



B6CC99



665C5C



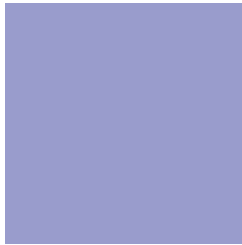
A6000A



260002

Previews

White Background



This preview shows how the Hex color 999CCC looks on a white background.

Color Contrast Check

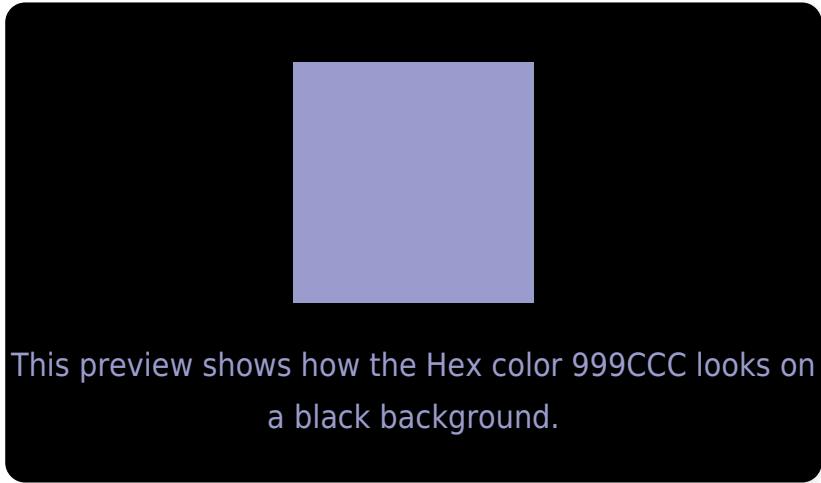
Large Text (above 18pt) WCAG AA × Fail

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

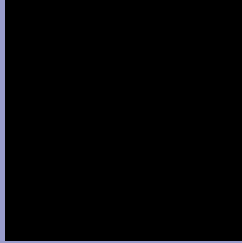
Any Text WCAG AA ✓ Pass

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 999CCC Background



This preview shows how black text looks on a background with the Hex color 999CCC.



This preview shows how white text looks on a background with the Hex color 999CCC.

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



Original Color
999CCC

Protanopia
939ECD

Deuteranopia
979CCC



Tritanopia
93A1AE

Trichromacy



Original Color
999CCC

Protanomaly
959DCD

Deuteranomaly
989CCC

Tritanomaly
959FB9

Monochromacy



Original Color
999CCC

Achromatopsia
A1A1A1

Achromatomaly
9E9FB1

CSS Examples

Text

The CSS property to change the color of the text to Hex 999CCC 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 #999CCC looks like.

```
.text, #text, p{  
    color:#999CCC  
}
```

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 #999CCC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #999CCC
}
```

Border

The CSS property to change the border of an element to Hex 999CCC is called "border". The border property can be set on classes, ids or directly on the HTML element.

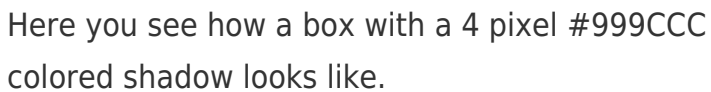
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#999CCC }
```

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

```
.border{ border-color:#999CCC }
```

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



Here you see how a box with a 4 pixel #999CCC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #999CCC; -webkit-box-shadow:4px 4px  
4px 4px #999CCC; box-shadow:4px 4px 4px  
4px #999CCC }
```

Background

The CSS property to change the background color of an element to Hex 999CCC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#999CCC }
```

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

```
.background{ background-color:#999CCC }
```

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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