

Converting Colors

Hex(9993C2)

Have a look what the booklet for
Hex(9993C2) contains.

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Color

Hex(9993C2)

Conversions

Conversions Part 1

Format	Color
Hex	9993C2
RGB	153, 147, 194
RGB Percent	60%, 58%, 76%
CMY	0.4000, 0.4235, 0.2392
CMYK	0.21, 0.24, 0.00, 0.24
HSL	248°, 28%, 67%
HSV	248°, 24%, 76%
XYZ	33.3082, 31.5348, 55.3702
YIQ	154.1520, -11.5110, 15.8890

Conversions

Conversions Part 2

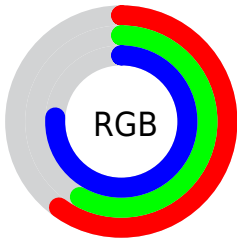
Format	Color
R _Y B	153, 147, 194
Decimal	10064834
CIE _{Lab}	62.96, 12.18, -23.51
CIE _{LCh}	63, 26.475, 297.397
Y _{xy}	31.5348, 0.2771, 0.2623
Android (android.graphics.Color)	4288254914 (0xFF9993C2)
Y _{UV}	154.1520, 19.6451, -1.0103
Hunter-Lab	56.1558, 7.6025, -19.1515

Details

The Hex color **9993C2** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **BCC293**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **D0C9FB**, and **65608C** is the 20% darker color. If you saturate the color by 10%, you get **8880C2**, and if you desaturate by 10%, it is **AAA6C2**.

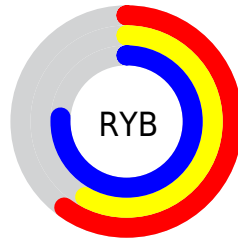
Distribution



Red (60%)

Green (58%)

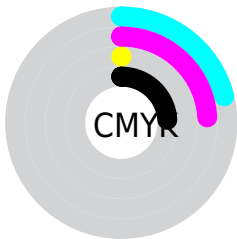
Blue (76%)



Red (60%)

Yellow (58%)

Blue (76%)

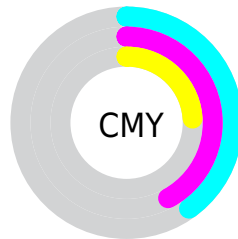


Cyan (21%)

Magenta (24%)

Yellow (0%)

Black (24%)



Cyan (40%)

Magenta (42%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9993C2 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 9993C2 by changing the saturation by 10% instead.

■ 9993C2

■ 9993C2

FFFFFF

■ 7F79A7

■ D0C9FB

■ 65608C

■ ECE5FF

■ 4C4973

■ 35325A

■ 1D1D42

■ 09042C

■ 000117

■ 000000

■ 9993C2

■ 9993C2

8880C2

AAA6C2

776CC2

BBBAC2

6659C2

CCDC2

5545C2

DDE1C2

4432C2

EEF4C2

331FC2

FFFFC2

230BC2

1900C2

Harmonies

Analogous

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



779BC7



9993C2



B58BB2

Triad

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



9993C2



BE8E72



5DA595

Complementary

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



9993C2



BCC293

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.



77A37E



9993C2



AB9669

Square

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



9993C2



C78884



929D6E



4FA5AD

Rectangle

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



9993C2



C188A3



929D6E



65A58D

Sweetspot

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



9993C2



EDEBFC



93BDC2



777580



000000



808080

Same Dimension

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



9993C2



BDB3FC



B093C2



585761



1500A1



040021

Inverse Universe

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



C293BC



FCB3F3



A5C293



615760



A1008C



21001D

Previews

White Background



This preview shows how the Hex color 9993C2 looks on a white background.

Color Contrast Check

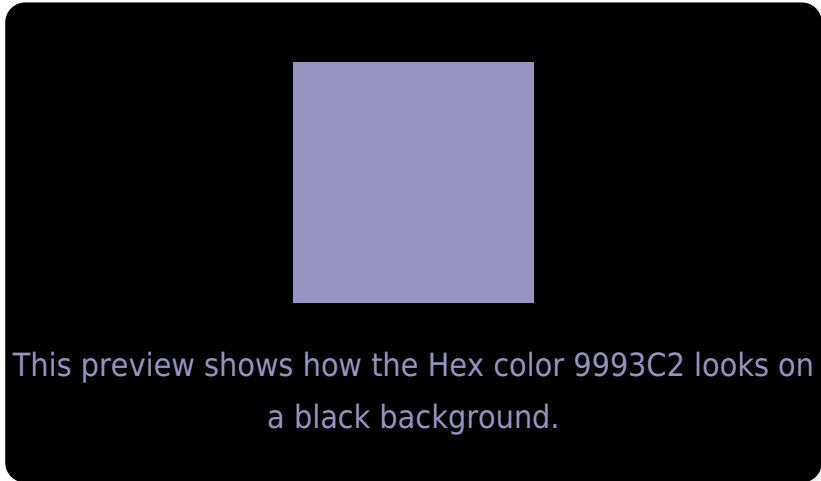
Large Text (above 18pt) WCAG AA × Fail

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 9993C2 Background



This preview shows how black text looks on a background with the Hex color 9993C2.



This preview shows how white text looks on a background with the Hex color 9993C2.

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
9993C2

Protanopia
8C97C5

Deuteranopia
9295C2



Tritanopia
9498A4

Trichromacy



Original Color
9993C2

Protanomaly
9196C4

Deuteranomaly
9594C2

Tritanomaly
9696AF

Monochromacy



Original Color
9993C2

Achromatopsia
9A9A9A

Achromatomaly
9A97A9

CSS Examples

Text

The CSS property to change the color of the text to Hex 9993C2 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 #9993C2 looks like.

```
.text, #text, p{  
    color:#9993C2  
}
```

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 #9993C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9993C2
}
```

Border

The CSS property to change the border of an element to Hex 9993C2 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
#9993C2 }
```

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

```
.border{ border-color:#9993C2 }
```

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

Here you see how a box with a 4 pixel #9993C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9993C2; -webkit-box-shadow:4px 4px  
4px 4px #9993C2; box-shadow:4px 4px 4px  
4px #9993C2 }
```

Background

The CSS property to change the background color of an element to Hex 9993C2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9993C2 }
```

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

```
.background{ background-color:#9993C2 }
```

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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