

Converting Colors

Hex(9991B5)

Have a look what the booklet for
Hex(9991B5) contains.

Hex(9991B5)	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(9991B5)

Conversions

Conversions Part 1

Format	Color
Hex	9991B5
RGB	153, 145, 181
RGB Percent	60%, 57%, 71%
CMY	0.4000, 0.4314, 0.2902
CMYK	0.15, 0.20, 0.00, 0.29
HSL	253°, 20%, 64%
HSV	253°, 20%, 71%
XYZ	31.6028, 30.3593, 47.9103
YIQ	151.4960, -6.7880, 12.8920

Conversions

Conversions Part 2

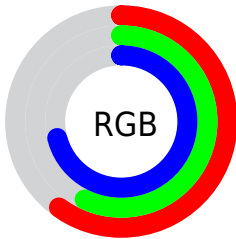
Format	Color
RYB	153, 145, 181
Decimal	10064309
CIELab	61.96, 10.34, -17.70
CIELCh	62, 20.501, 300.298
Yxy	30.3593, 0.2876, 0.2763
Android (android.graphics.Color)	4288254389 (0xFF9991B5)
YUV	151.4960, 14.5455, 1.3190
Hunter-Lab	55.0993, 5.9568, -12.9848

Details

The Hex color **9991B5** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **ADB591**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **D0C7ED**, and **665F80** is the 20% darker color. If you saturate the color by 10%, you get **8B7FB5**, and if you desaturate by 10%, it is **A7A3B5**.

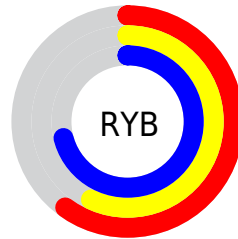
Distribution



Red (60%)

Green (57%)

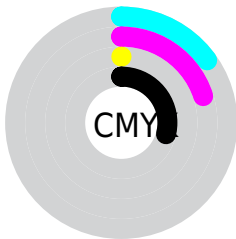
Blue (71%)



Red (60%)

Yellow (57%)

Blue (71%)

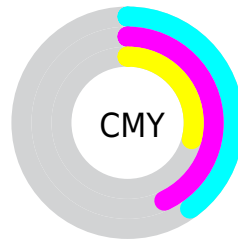


Cyan (15%)

Magenta (20%)

Yellow (0%)

Black (29%)



Cyan (40%)

Magenta (43%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9991B5 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 9991B5 by changing the saturation by 10% instead.

■ 9991B5

■ 9991B5

FFFFFF

■ 7F779A

■ D0C7ED

■ 665F80

■ ECE3FF

■ 4D4767

■ 36314F

■ 201C38

■ 0C0123

■ 000009

■ 000000

■ 9991B5

■ 9991B5

 8B7FB5

 A7A3B5

 7D6DB5

 B5B5B5

 6F5BB5

 C3C7B5

 6149B5

 D1D9B5

 5336B5

 DFEBB5

 4524B5

 EDFEB5

 3612B5

 FCFFB5

 2800B5

 FFFFB5

Harmonies

Analogous

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



8097BA



9991B5



AD8BA8

Triad

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



9991B5



B38F77



69A095

Complementary

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



9991B5



ADB591

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.



7B9E83



9991B5



A39572

Square

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



9991B5



BB8A84



909A76



629FA7

Rectangle

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



9991B5



B6899C



909A76



6EA08F

Sweetspot

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



9991B5



E0DDEB



91ADB5



6F6D75



F5F5F5



757575

Same Dimension

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



9991B5



BFB2EB



AB91B5



525059



220099



06001A

Inverse Universe

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



B591AD



EBB2DE



9BB591



595057



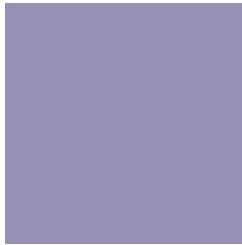
990077



1A0014

Previews

White Background



This preview shows how the Hex color 9991B5 looks on a white background.

Color Contrast Check

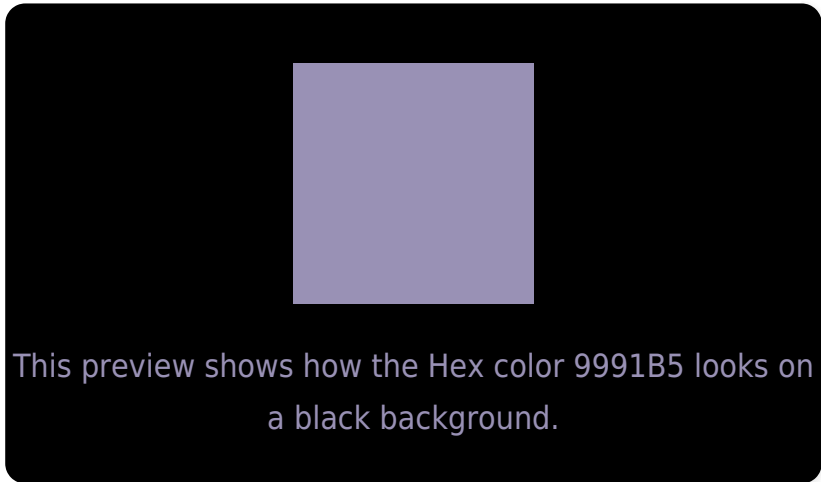
Large Text (above 18pt) WCAG AA × Fail

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

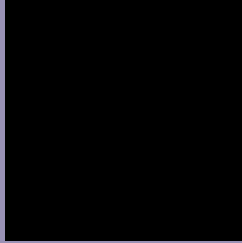
Any Text WCAG AA ✓ Pass

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 9991B5 Background



This preview shows how black text looks on a background with the Hex color 9991B5.



This preview shows how white text looks on a background with the Hex color 9991B5.

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
9991B5

Protanopia
8E94B7

Deuteranopia
9592B5



Tritanopia
9595A0

Trichromacy



Original Color
9991B5

Protanomaly
9293B6

Deuteranomaly
9692B5

Tritanomaly
9694A8

Monochromacy



Original Color
9991B5

Achromatopsia
979797

Achromatomaly
9895A2

CSS Examples

Text

The CSS property to change the color of the text to Hex 9991B5 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 #9991B5 looks like.

```
.text, #text, p{  
    color:#9991B5  
}
```

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 #9991B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9991B5  
}
```

Border

The CSS property to change the border of an element to Hex 9991B5 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  
#9991B5 }
```

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

```
.border{ border-color:#9991B5 }
```

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

Here you see how a box with a 4 pixel #9991B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9991B5; -webkit-box-shadow:4px 4px  
4px 4px #9991B5; box-shadow:4px 4px 4px  
4px #9991B5 }
```

Background

The CSS property to change the background color of an element to Hex 9991B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9991B5 }
```

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

```
.background{ background-color:#9991B5 }
```

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