

# Converting Colors

Hex(9995B5)

Have a look what the booklet for  
Hex(9995B5) contains.

<b>Hex(9995B5)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(9995B5)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9995B5
RGB	153, 149, 181
RGB Percent	60%, 58%, 71%
CMY	0.4000, 0.4157, 0.2902
CMYK	0.15, 0.18, 0.00, 0.29
HSL	248°, 18%, 65%
HSV	248°, 18%, 71%
XYZ	32.2248, 31.6034, 48.1177
YIQ	153.8440, -7.8880, 10.8000

# Conversions

## Conversions Part 2

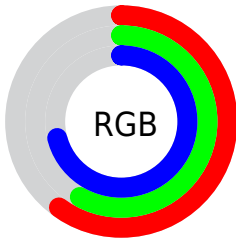
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	153, 149, 181
Decimal	10065333
CIE <sub>Lab</sub>	63.01, 8.07, -16.11
CIE <sub>LCh</sub>	63, 18.018, 296.614
Yxy	31.6034, 0.2879, 0.2823
Android (android.graphics.Color)	4288255413 (0xFF9995B5)
YUV	153.8440, 13.3879, -0.7402
Hunter-Lab	56.2169, 3.9407, -11.3962

# Details

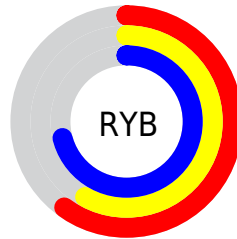
The Hex color **9995B5** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **B1B595**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **D0CBED**, and **666280** is the 20% darker color. If you saturate the color by 10%, you get **8983B5**, and if you desaturate by 10%, it is **A9A7B5**.

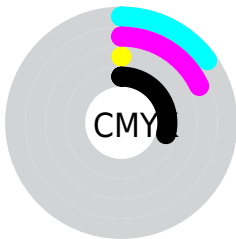
# Distribution



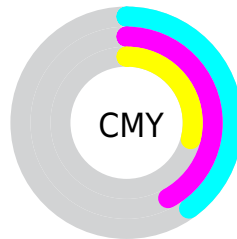
- Red (60%)
- Green (58%)
- Blue (71%)



- Red (60%)
- Yellow (58%)
- Blue (71%)



- Cyan (15%)
- Magenta (18%)
- Yellow (0%)
- Black (29%)



- Cyan (40%)
- Magenta (42%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9995B5 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 9995B5 by changing the saturation by 10% instead.





9995B5



9995B5

FFFFFF



7F7B9A



D0CBED



666280



ECE7FF



4D4B67



36344F



201F38



0C0623



00000A



000000



9995B5



9995B5

8983B5

A9A7B5

7971B5

B9B9B5

695FB5

C9CBB5

5A4DB5

D8DDB5

4A3BB5

E8F0B5

3A28B5

F8FFB5

2A16B5

FFFFB5

1A04B5

1700B5

# Harmonies

## Analogous

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



849AB8



9995B5



AC90AA

# Triad

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



9995B5



B4927E



74A296

# Complementary

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



9995B5



B1B595

# 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.



83A086



9995B5



A79779

# Square

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



9995B5



BA8E8B



959C7C



6DA1A6

# Rectangle

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



9995B5



B48EA0



959C7C



78A191



# Sweetspot

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



9995B5



E0DFEB



95B1B5



6F6E75



F5F5F5



757575



# Same Dimension

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



9995B5



BFB9EB



A995B5



515059



130099



03001A



# Inverse Universe

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



B595B1



EBB9E4



A1B595



595058



990086



1A0016



# Previews

## White Background



This preview shows how the Hex color 9995B5 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

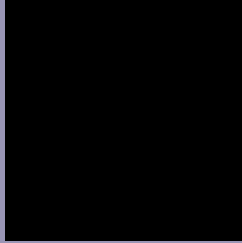
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9995B5 Background



This preview shows how black text looks on a background with the Hex color 9995B5.



This preview shows how white text looks on a background with the Hex color 9995B5.

# 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**  
9995B5

**Protanopia**  
9297B6

**Deuteranopia**  
9995B5



**Tritanopia**  
9698A4

# Trichromacy



**Original Color**  
9995B5

**Protanomaly**  
9596B6

**Deuteranomaly**  
9995B5

**Tritanomaly**  
9797AA

# Monochromacy



**Original Color**  
9995B5

**Achromatopsia**  
9A9A9A

**Achromatomaly**  
9A98A4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9995B5 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 #9995B5 looks like.

```
.text, #text, p{  
    color:#9995B5  
}
```

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 #9995B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9995B5
}
```

## Border

The CSS property to change the border of an element to Hex 9995B5 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
#9995B5 }
```

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

```
.border{ border-color:#9995B5 }
```

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

Here you see how a box with a 4 pixel #9995B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9995B5; -webkit-box-shadow:4px 4px  
4px 4px #9995B5; box-shadow:4px 4px 4px  
4px #9995B5 }
```

# Background

The CSS property to change the background color of an element to Hex 9995B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9995B5 }
```

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

```
.background{ background-color:#9995B5 }
```

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