

Converting Colors

Hex(999FBD)

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

Hex(999FBD)	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(999FBD)

Conversions

Conversions Part 1

Format	Color
Hex	999FBD
RGB	153, 159, 189
RGB Percent	60%, 62%, 74%
CMY	0.4000, 0.3765, 0.2588
CMYK	0.19, 0.16, 0.00, 0.26
HSL	230°, 21%, 67%
HSV	230°, 19%, 74%
XYZ	34.7203, 35.2427, 53.1167
YIQ	160.6260, -13.2060, 8.0580

Conversions

Conversions Part 2

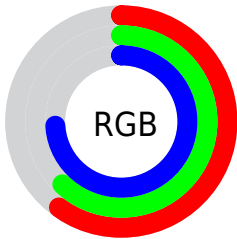
Format	Color
R_{YB}	153, 158, 189
Decimal	10067901
CIE _{Lab}	65.94, 4.25, -16.17
CIE _{LCh}	66, 16.719, 284.717
Yxy	35.2427, 0.2821, 0.2863
Android (android.graphics.Color)	4288257981 (0xFF999FBD)
YUV	160.6260, 13.9884, -6.6880
Hunter-Lab	59.3656, 0.5071, -11.4932

Details

The Hex color **999FBD** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **BDB799**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **D0D6F5**, and **656C88** is the 20% darker color. If you saturate the color by 10%, you get **868FBD**, and if you desaturate by 10%, it is **ACAFBD**.

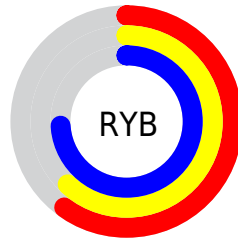
Distribution



Red (60%)

Green (62%)

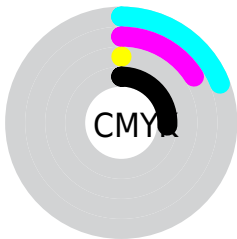
Blue (74%)



Red (60%)

Yellow (62%)

Blue (74%)

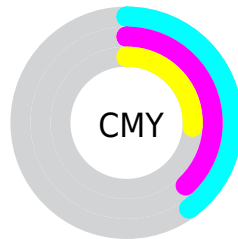


Cyan (19%)

Magenta (16%)

Yellow (0%)

Black (26%)



Cyan (40%)

Magenta (38%)

Yellow (26%)

Brightness & Saturation Gradients

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



999FBD



999FBD

FFFFFF



7F85A2



D0D6F5



656C88



ECF2FF



4D546E



363C56



1F273F



091229



000114



000000



999FBD



999FBD

868FBD

ACAFBD

7380BD

BFBFBD

6070BD

D2CEBD

4D60BD

E5DEBD

3B50BD

F8EEBD

2841BD

FFFEBD

1531BD

FFFFBD

0221BD

0020BD

Harmonies

Analogous

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



86A4BD



999FBD



AC9AB6

Triad

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



999FBD



BD988C



83A898

Complementary

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



999FBD



BDB799

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.



93A68B



999FBD



B39D84

Square

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



999FBD



C09699



A4A283



79A9A7

Rectangle

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



999FBD



B697AD



A4A283



88A893

Sweetspot

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



999FBD



E6E9F5



99BDB7



72737A



FAFAFA



7A7A7A

Same Dimension

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



999FBD



BCC6F5



A599BD



55565E



001A9E



00051F

Inverse Universe

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



BD999F



F5BCC6



B1BD99



5E5556



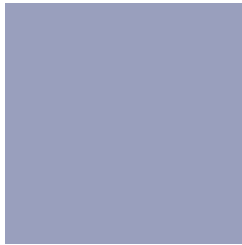
9E001A



1F0005

Previews

White Background



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

Color Contrast Check

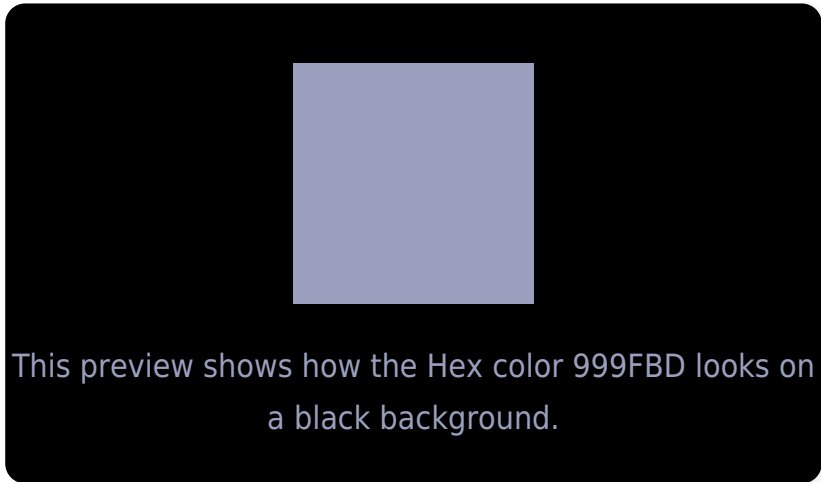
Large Text (above 18pt) WCAG AA × Fail

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

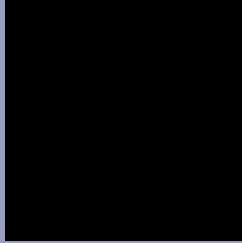
Any Text WCAG AA ✓ Pass

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 999FBD Background



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



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

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
999FBD

Protanopia
9A9FBD

Deuteranopia
A19CBE



Tritanopia
96A2AE

Trichromacy



Original Color
999FBD

Protanomaly
9A9FBD

Deuteranomaly
9E9DBE

Tritanomaly
97A1B3

Monochromacy



Original Color
999FBD

Achromatopsia
A1A1A1

Achromatomaly
9EA0AB

CSS Examples

Text

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

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

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 #999FBD colored shadow looks like.

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

Border

The CSS property to change the border of an element to Hex 999FBD 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
#999FBD }
```

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

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

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

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

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

Background

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

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

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

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

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