

Converting Colors

Hex(9393B9)

Have a look what the booklet for
Hex(9393B9) contains.

Hex(9393B9)	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(9393B9)

Conversions

Conversions Part 1

Format	Color
Hex	9393B9
RGB	147, 147, 185
RGB Percent	58%, 58%, 73%
CMY	0.4235, 0.4235, 0.2745
CMYK	0.21, 0.21, 0.00, 0.27
HSL	240°, 21%, 65%
HSV	240°, 21%, 73%
XYZ	31.2233, 30.5733, 50.1545
YIQ	151.3320, -12.1980, 11.8180

Conversions

Conversions Part 2

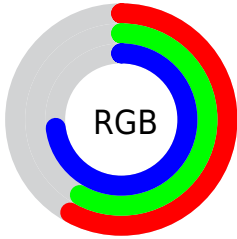
Format	Color
RYB	147, 147, 185
Decimal	9671609
CIELab	62.15, 8.16, -19.73
CIELCh	62, 21.347, 292.482
Yxy	30.5733, 0.2789, 0.2731
Android (android.graphics.Color)	4287861689 (0xFF9393B9)
YUV	151.3320, 16.5983, -3.7992
Hunter-Lab	55.2931, 4.0337, -15.0748

Details

The Hex color **9393B9** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **B9B993**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **C9C9F1**, and **606184** is the 20% darker color. If you saturate the color by 10%, you get **8181B9**, and if you desaturate by 10%, it is **A5A5B9**.

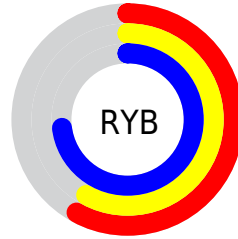
Distribution



Red (58%)

Green (58%)

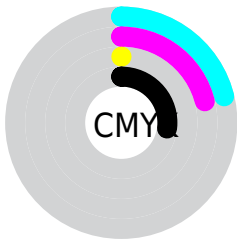
Blue (73%)



Red (58%)

Yellow (58%)

Blue (73%)

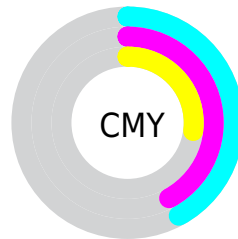


Cyan (21%)

Magenta (21%)

Yellow (0%)

Black (27%)



Cyan (42%)

Magenta (42%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9393B9 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 9393B9 by changing the saturation by 10% instead.

■ 9393B9

■ 9393B9

FFFFFF

■ 79799E

■ C9C9F1

■ 606184

■ E6E5FF

■ 47496B

■ 303252

■ 191D3B

■ 040425

■ 00010E

■ 000000

■ 9393B9

■ 9393B9

8181B9

A5A5B9

6E6EB9

B8B8B9

5B5BB9

CBCBB9

4949B9

DDddb9

3636B9

EFEFB9

2424B9

FFFFB9

1111B9

0000B9

Harmonies

Analogous

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



7999BB



9393B9



AA8DAD

Triad

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



9393B9



B78D79



6CA191

Complementary

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



9393B9



B9B993

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.



809E7F



9393B9



A99371

Square

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



9393B9



BD8989



959973



60A1A4

Rectangle

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



9393B9



B58AA2



959973



72A08A

Sweetspot

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



9393B9



E1E1F0



93B9B9



6F6F78



F7F7F7



787878

Same Dimension

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



9393B9



B4B4F0



A693B9



53535C



00009C



00001C

Inverse Universe

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



B993B9



F0B4F0



A6B993



5C535C



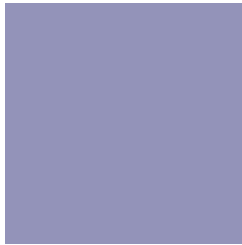
9C009C



1C001C

Previews

White Background



This preview shows how the Hex color 9393B9 looks on a white background.

Color Contrast Check

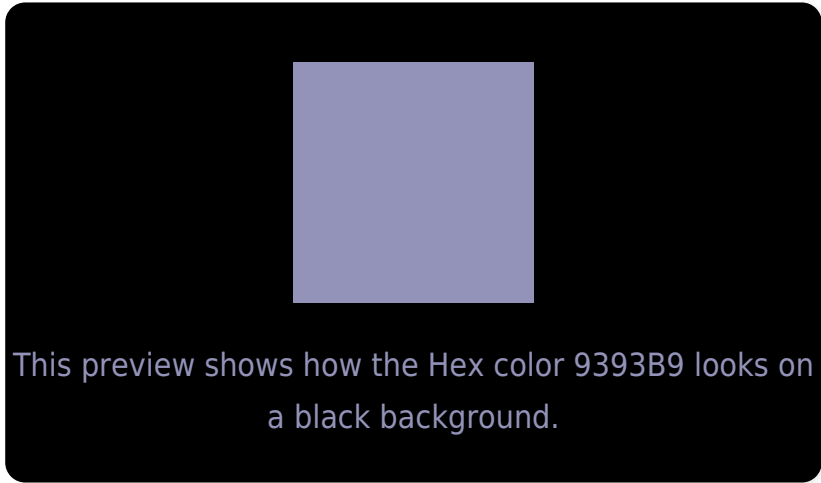
Large Text (above 18pt) WCAG AA × Fail

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

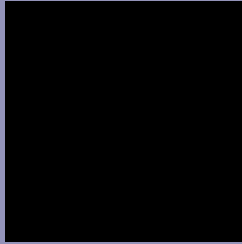
Any Text WCAG AA ✓ Pass

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 9393B9 Background



This preview shows how black text looks on a background with the Hex color 9393B9.



This preview shows how white text looks on a background with the Hex color 9393B9.

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
9393B9

Protanopia
8D95BA

Deuteranopia
9393B9



Tritanopia
8F97A3

Trichromacy



Original Color
9393B9

Protanomaly
8F94BA

Deuteranomaly
9393B9

Tritanomaly
9096AB

Monochromacy



Original Color
9393B9

Achromatopsia
979797

Achromatomaly
9696A3

CSS Examples

Text

The CSS property to change the color of the text to Hex 9393B9 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 #9393B9 looks like.

```
.text, #text, p{  
    color:#9393B9  
}
```

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 #9393B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9393B9
}
```

Border

The CSS property to change the border of an element to Hex 9393B9 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
#9393B9 }
```

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

```
.border{ border-color:#9393B9 }
```

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

Here you see how a box with a 4 pixel #9393B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9393B9; -webkit-box-shadow:4px 4px  
4px 4px #9393B9; box-shadow:4px 4px 4px  
4px #9393B9 }
```

Background

The CSS property to change the background color of an element to Hex 9393B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9393B9 }
```

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

```
.background{ background-color:#9393B9 }
```

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