

# Converting Colors

Hex(938DB3)

Have a look what the booklet for  
Hex(938DB3) contains.

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# **Color**

**Hex(938DB3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	938DB3
RGB	147, 141, 179
RGB Percent	58%, 55%, 70%
CMY	0.4235, 0.4471, 0.2980
CMYK	0.18, 0.21, 0.00, 0.30
HSL	249°, 20%, 63%
HSV	249°, 21%, 70%
XYZ	29.6942, 28.5075, 46.5853
YIQ	147.1260, -8.6220, 13.0900

# Conversions

## Conversions Part 2

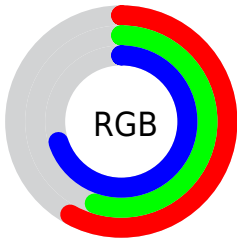
Format	Color
<b>R<sub>YB</sub></b>	147, 141, 179
Decimal	9670067
CIE <sub>Lab</sub>	60.34, 10.20, -19.08
CIE <sub>LCh</sub>	60, 21.632, 298.135
Yxy	28.5075, 0.2834, 0.2721
Android (android.graphics.Color)	4287860147 (0xFF938DB3)
YUV	147.1260, 15.7139, -0.1105
Hunter-Lab	53.3924, 5.8361, -14.3563

# Details

The Hex color **938DB3** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **ADB38D**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **C9C3EB**, and **605B7E** is the 20% darker color. If you saturate the color by 10%, you get **847BB3**, and if you desaturate by 10%, it is **A29FB3**.

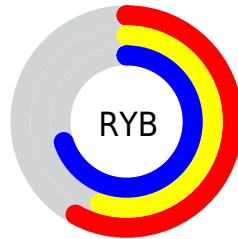
# Distribution



Red (58%)

Green (55%)

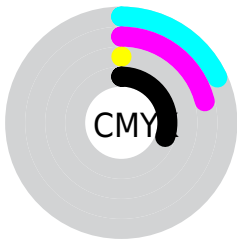
Blue (70%)



Red (58%)

Yellow (55%)

Blue (70%)

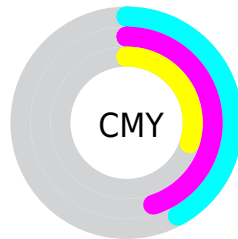


Cyan (18%)

Magenta (21%)

Yellow (0%)

Black (30%)



Cyan (42%)

Magenta (45%)

Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 938DB3 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 938DB3 by changing the saturation by 10% instead.



■ 938DB3

■ 938DB3

FFFFFF

■ 797398

■ C9C3EB

■ 605B7E

■ E6DEFF

■ 484365

■ FFFBFF

■ 302D4D

■ 1A1936

■ 050021

■ 000006

■ 000000

■ 938DB3

■ 938DB3

847BB3

A29FB3

7569B3

B1B1B3

6657B3

C0C3B3

5745B3

CFD5B3

4834B3

DEE7B3

3922B3

EDF8B3

2910B3

FDFFB3

1C00B3

FFFFB3

# Harmonies

## Analogous

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



7994B7



938DB3



A987A6

# Triad

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



938DB3



B08972



639C90

# Complementary

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



938DB3



ADB38D

# 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.



779A7D



938DB3



A1906C

# Square

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



938DB3



B88580



8C9670



5A9CA3

# Rectangle

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



938DB3



B3849A



8C9670



699C89



# Sweetspot

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



938DB3



DCDAE8



8DADB3



6E6D75



F5F5F5



757575



# Same Dimension

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



938DB3



B7AEE8



A68DB3



525059



180099



04001A



# Inverse Universe

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



B38DAD



E8AEDF



9AB38D



595058



990081

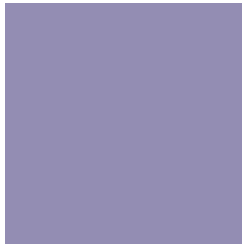


1A0015



# Previews

## White Background



This preview shows how the Hex color 938DB3 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



This preview shows how the Hex color 938DB3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

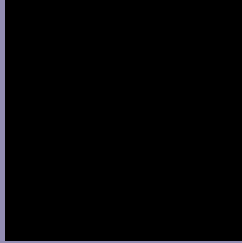
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 938DB3 Background



This preview shows how black text looks on a background with the Hex color 938DB3.



This preview shows how white text looks on a background with the Hex color 938DB3.

# 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**  
938DB3

**Protanopia**  
8990B5

**Deuteranopia**  
8F8EB3



**Tritanopia**  
8F919D

# Trichromacy



**Original Color**  
938DB3

**Protanomaly**  
8D8FB4

**Deuteranomaly**  
908EB3

**Tritanomaly**  
9090A5

# Monochromacy



**Original Color**  
938DB3

**Achromatopsia**  
939393

**Achromatomaly**  
93919F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 938DB3 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 #938DB3 looks like.

```
.text, #text, p{  
    color:#938DB3  
}
```

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 #938DB3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #938DB3
}
```

## Border

The CSS property to change the border of an element to Hex 938DB3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

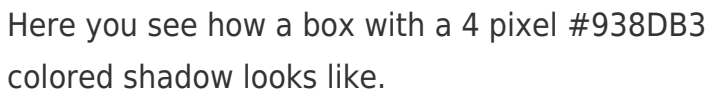
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#938DB3 }
```

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

```
.border{ border-color:#938DB3 }
```

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

A rectangular box with a 4px purple shadow. The box is white with a thin purple border and a thicker purple shadow on the right and bottom sides. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #938DB3 colored shadow looks like."

Here you see how a box with a 4 pixel #938DB3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #938DB3; -webkit-box-shadow:4px 4px  
4px 4px #938DB3; box-shadow:4px 4px 4px  
4px #938DB3 }
```

# Background

The CSS property to change the background color of an element to Hex 938DB3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#938DB3 }
```

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

```
.background{ background-color:#938DB3 }
```

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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