

Converting Colors

Hex(938DB0)

Have a look what the booklet for
Hex(938DB0) contains.

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Color

Hex(938DB0)

Conversions

Conversions Part 1

Format	Color
Hex	938DB0
RGB	147, 141, 176
RGB Percent	58%, 55%, 69%
CMY	0.4235, 0.4471, 0.3098
CMYK	0.16, 0.20, 0.00, 0.31
HSL	250°, 18%, 62%
HSV	250°, 20%, 69%
XYZ	29.3940, 28.3874, 45.0044
YIQ	146.7840, -7.6590, 12.1570

Conversions

Conversions Part 2

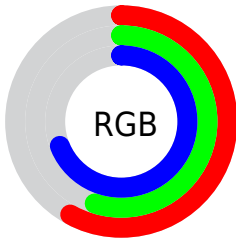
Format	Color
RYB	147, 141, 176
Decimal	9670064
CIELab	60.24, 9.52, -17.54
CIELCh	60, 19.952, 298.486
Yxy	28.3874, 0.2860, 0.2762
Android (android.graphics.Color)	4287860144 (0xFF938DB0)
YUV	146.7840, 14.4035, 0.1894
Hunter-Lab	53.2798, 5.2371, -12.7852

Details

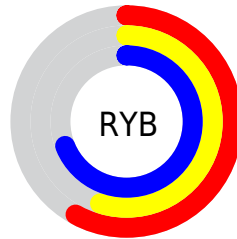
The Hex color **938DB0** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **AAB08D**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **C9C3E8**, and **605B7B** is the 20% darker color. If you saturate the color by 10%, you get **847BB0**, and if you desaturate by 10%, it is **A29FB0**.

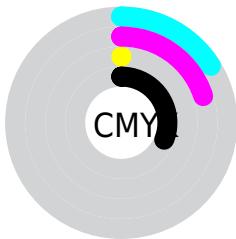
Distribution



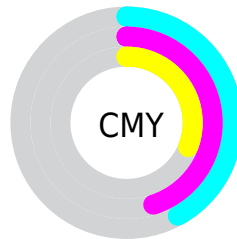
- Red (58%)
- Green (55%)
- Blue (69%)



- Red (58%)
- Yellow (55%)
- Blue (69%)



- Cyan (16%)
- Magenta (20%)
- Yellow (0%)
- Black (31%)



- Cyan (42%)
- Magenta (45%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 938DB0 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 938DB0 by changing the saturation by 10% instead.

■ 938DB0

■ 938DB0

FFFFFF

■ 797395

■ C9C3E8

■ 605B7B

■ E5DEFF

■ 484362

■ FFFBFF

■ 312D4A

■ 1B1934

■ 05001F

■ 000002

■ 000000

■ 938DB0

■ 938DB0

847BB0

A29FB0

766AB0

B0B0B0

6758B0

BFC2B0

5947B0

CDD3B0

4A35B0

DCE5B0

3C23B0

EAF7B0

2D12B0

F9FFB0

1E00B0

FFFFB0

Harmonies

Analogous

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



7B93B4



938DB0



A788A4

Triad

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



938DB0



AE8A74



679B90

Complementary

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



938DB0



AAB08D

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.



78997E



938DB0



9F906E

Square

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



938DB0



B58681



8C9572



5F9BA1

Rectangle

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



938DB0



B08599



8C9572



6C9B8A

Sweetspot

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



938DB0



DAD8E6



8DAAB0



6C6B73



F2F2F2



737373

Same Dimension

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



938DB0



B8AEE6



A48DB0



525059



1A0099



04001A

Inverse Universe

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



B08DAA



E6AEDC



99B08D



595058



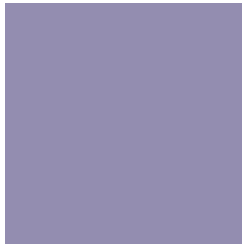
99007F



1A0015

Previews

White Background



This preview shows how the Hex color 938DB0 looks on a white background.

Color Contrast Check

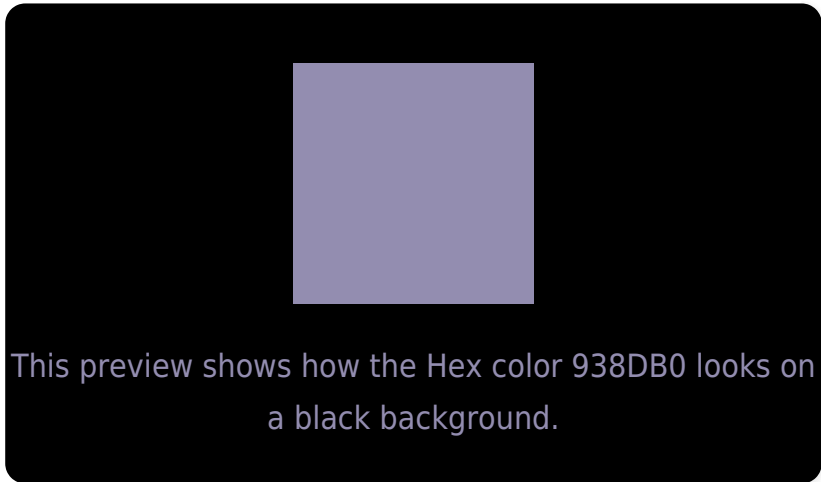
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

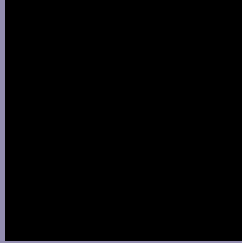
Any Text WCAG AA ✓ Pass

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 938DB0 Background



This preview shows how black text looks on a background with the Hex color 938DB0.



This preview shows how white text looks on a background with the Hex color 938DB0.

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
938DB0

Protanopia
8990B2

Deuteranopia
908EB0



Tritanopia
8F919C

Trichromacy



Original Color
938DB0

Protanomaly
8D8FB1

Deuteranomaly
918EB0

Tritanomaly
9090A3

Monochromacy



Original Color
938DB0

Achromatopsia
939393

Achromatomaly
93919E

CSS Examples

Text

The CSS property to change the color of the text to Hex 938DB0 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 #938DB0 looks like.

```
.text, #text, p{  
    color:#938DB0  
}
```

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 #938DB0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #938DB0  
}
```

Border

The CSS property to change the border of an element to Hex 938DB0 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  
#938DB0 }
```

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

```
.border{ border-color:#938DB0 }
```

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

Here you see how a box with a 4 pixel #938DB0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #938DB0; -webkit-box-shadow:4px 4px  
4px 4px #938DB0; box-shadow:4px 4px 4px  
4px #938DB0 }
```

Background

The CSS property to change the background color of an element to Hex 938DB0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#938DB0 }
```

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

```
.background{ background-color:#938DB0 }
```

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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