

Converting Colors

Hex(937BCB)

Have a look what the booklet for
Hex(937BCB) contains.

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Color

Hex(937BCB)

Conversions

Conversions Part 1

Format	Color
Hex	937BCB
RGB	147, 123, 203
RGB Percent	58%, 48%, 80%
CMY	0.4235, 0.5176, 0.2039
CMYK	0.28, 0.39, 0.00, 0.20
HSL	258°, 43%, 64%
HSV	258°, 39%, 80%
XYZ	29.8951, 24.6808, 59.6881
YIQ	139.2960, -11.3760, 29.9680

Conversions

Conversions Part 2

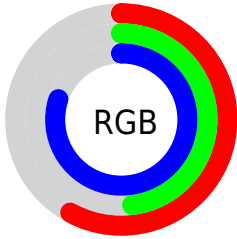
Format	Color
RYB	147, 123, 203
Decimal	9665483
CIELab	56.76, 26.40, -38.23
CIElCh	57, 46.461, 304.628
Yxy	24.6808, 0.2616, 0.2160
Android (android.graphics.Color)	4287855563 (0xFF937BCB)
YUV	139.2960, 31.4061, 6.7564
Hunter-Lab	49.6797, 20.4739, -36.4587

Details

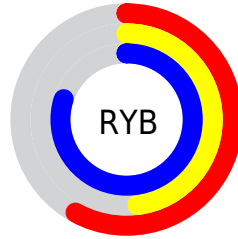
The Hex color **937BCB** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **B3CB7B**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **CBB0FF**, and **5E4A94** is the 20% darker color. If you saturate the color by 10%, you get **8567CB**, and if you desaturate by 10%, it is **A18FCB**.

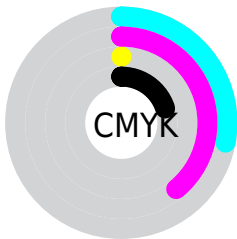
Distribution



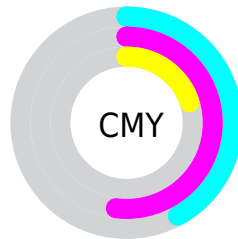
- Red (58%)
- Green (48%)
- Blue (80%)



- Red (58%)
- Yellow (48%)
- Blue (80%)



- Cyan (28%)
- Magenta (39%)
- Yellow (0%)
- Black (20%)



- Cyan (42%)
- Magenta (52%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 937BCB 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 937BCB by changing the saturation by 10% instead.

■ 937BCB

■ 937BCB

FFFFFF

■ 7862AF

■ CBB0FF

■ 5E4A94

■ E7CBFF

■ 44337A

■ FFE7FF

■ 2B1D61

■ 0E0849

■ 000032

■ 00011C

■ 000000

■ 937BCB

■ 937BCB

8567CB

A18FCB

7752CB

AFA4CB

683ECB

BEB8CB

5A2ACB

CCCCCB

4C16CB

DAE1CB

3E01CB

E8F5CB

3D00CB

F6FFCB

FFFFCB

Harmonies

Analogous

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



488AD9



937BCB



BF6CAC

Triad

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



937BCB



BB793F



009C8D

Complementary

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



937BCB



B3CB7B

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.



349A64



937BCB



998833

Square

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



937BCB



D06B5C



6F9342



009BB5

Rectangle

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



937BCB



CF6691



6F9342



009C7F

Sweetspot

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



937BCB



EAE0FF



7BB3CB



736E80



000000



808080

Same Dimension

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



937BCB



AB87FF



BB7BCB



5F5C66



3200A6



0B0026

Inverse Universe

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



CB7BB3



FF87DB



8BCB7B



665C63



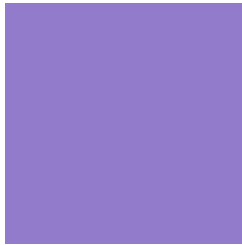
A60074



26001B

Previews

White Background



This preview shows how the Hex color 937BCB looks on a white background.

Color Contrast Check

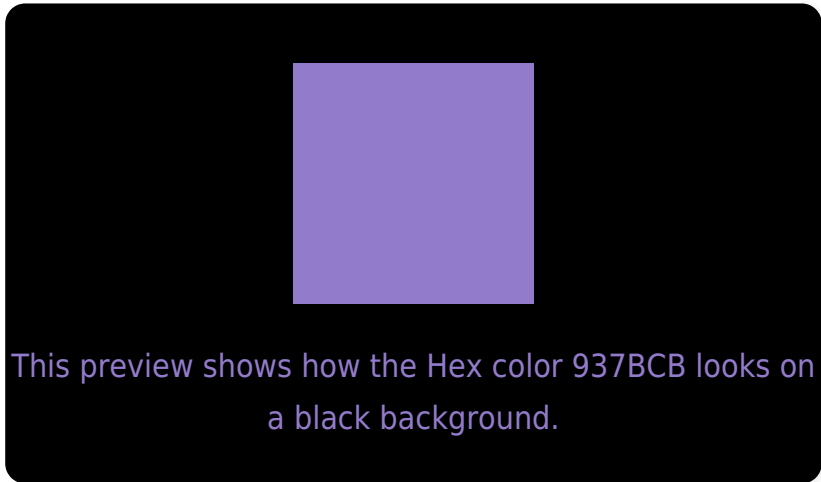
Large Text (above 18pt) WCAG AA ✓ Pass

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 937BCB Background



This preview shows how black text looks on a background with the Hex color 937BCB.

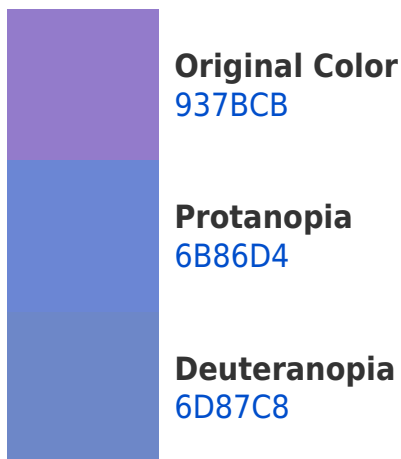


This preview shows how white text looks on a background with the Hex color 937BCB.

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](#).

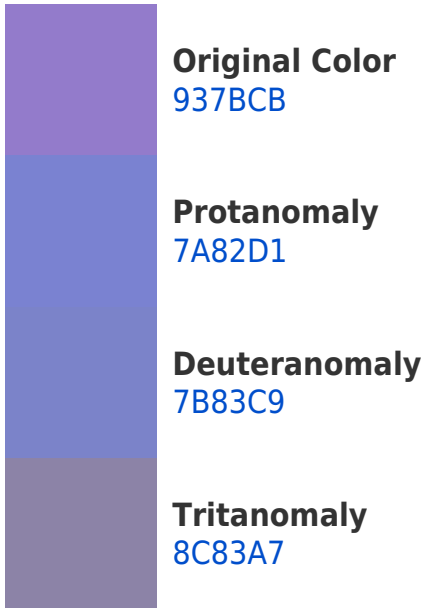
Dichromacy





Tritanopia
888792

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 937BCB 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 #937BCB looks like.

```
.text, #text, p{  
    color:#937BCB  
}
```

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 #937BCB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #937BCB
}
```

Border

The CSS property to change the border of an element to Hex 937BCB is called "border". The border property can be set on classes, ids or directly on the HTML element.

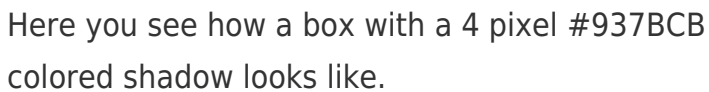
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#937BCB }
```

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

```
.border{ border-color:#937BCB }
```

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



Here you see how a box with a 4 pixel #937BCB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #937BCB; -webkit-box-shadow:4px 4px  
4px 4px #937BCB; box-shadow:4px 4px 4px  
4px #937BCB }
```

Background

The CSS property to change the background color of an element to Hex 937BCB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#937BCB }
```

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

```
.background{ background-color:#937BCB }
```

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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