

Converting Colors

Hex(937DCF)

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

Hex(937DCF)	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(937DCF)

Conversions

Conversions Part 1

Format	Color
Hex	937DCF
RGB	147, 125, 207
RGB Percent	58%, 49%, 81%
CMY	0.4235, 0.5098, 0.1882
CMYK	0.29, 0.40, 0.00, 0.19
HSL	256°, 46%, 65%
HSV	256°, 40%, 81%
XYZ	30.6287, 25.3753, 62.3151
YIQ	140.9260, -13.2100, 30.1660

Conversions

Conversions Part 2

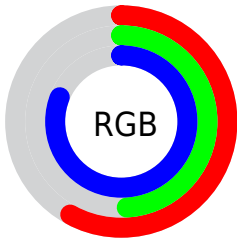
Format	Color
RYB	147, 125, 207
Decimal	9665999
CIELab	57.44, 26.25, -39.43
CIELCh	57, 47.367, 303.648
Yxy	25.3753, 0.2589, 0.2145
Android (android.graphics.Color)	4287856079 (0xFF937DCF)
YUV	140.9260, 32.5745, 5.3269
Hunter-Lab	50.3739, 20.3787, -38.0831

Details

The Hex color **937DCF** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **B9CF7D**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **CBB2FF**, and **5E4C98** is the 20% darker color. If you saturate the color by 10%, you get **8468CF**, and if you desaturate by 10%, it is **A292CF**.

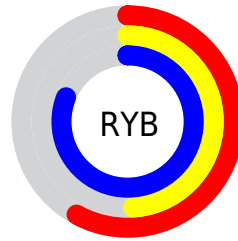
Distribution



Red (58%)

Green (49%)

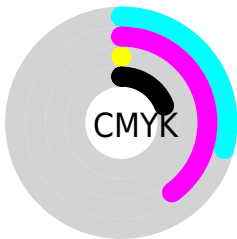
Blue (81%)



Red (58%)

Yellow (49%)

Blue (81%)

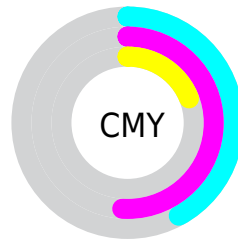


Cyan (29%)

Magenta (40%)

Yellow (0%)

Black (19%)



Cyan (42%)

Magenta (51%)

Yellow (19%)

Brightness & Saturation Gradients

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

 937DCF

 937DCF

FFFFFF

 7864B3

 CBB2FF

 5E4C98

 E7CDFF

 44357E

 FFEAFF

 2A1F65

 0C0A4C

 000035

 00021F

 000001

 000000

 937DCF

 937DCF

 8468CF

 A292CF

 7554CF

 B1A6CF

 663FCF

 C0BBCF

 562ACF

 D0D0CF

 4715CF

 DFE5CF

 3801CF

 EEF9CF

 3800CF

 FDFFCF

 FFFFCF

Harmonies

Analogous

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



448DDC



937DCF



C16DAF

Triad

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



937DCF



BE7A3F



009F8E

Complementary

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



937DCF



B9CF7D

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.



369C64



937DCF



9D8933

Square

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



937DCF



D36C5E



729542



009DB7

Rectangle

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



937DCF



D16795



729542



009E7F

Sweetspot

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



937DCF



E9E0FF



7DB9CF



726E80



000000



808080

Same Dimension

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



937DCF



A585FF



BC7DCF



615E69



2D00A8



0B0029

Inverse Universe

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



CF7DB9



FF85DE



90CF7D



695E66



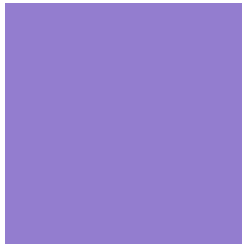
A8007B



29001E

Previews

White Background



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

Color Contrast Check

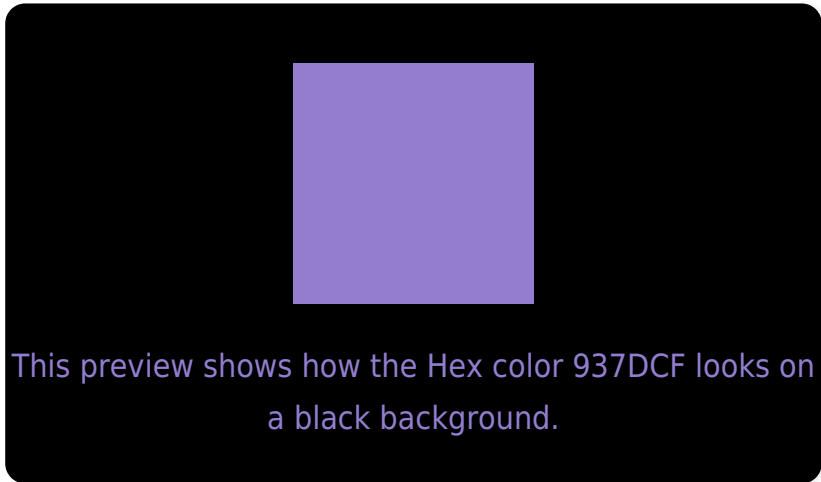
Large Text (above 18pt) WCAG AA ✓ Pass

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

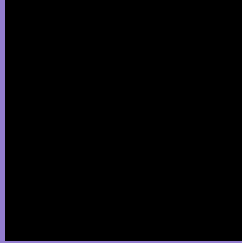
Any Text WCAG AA ✓ Pass

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 937DCF Background



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



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

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](#).

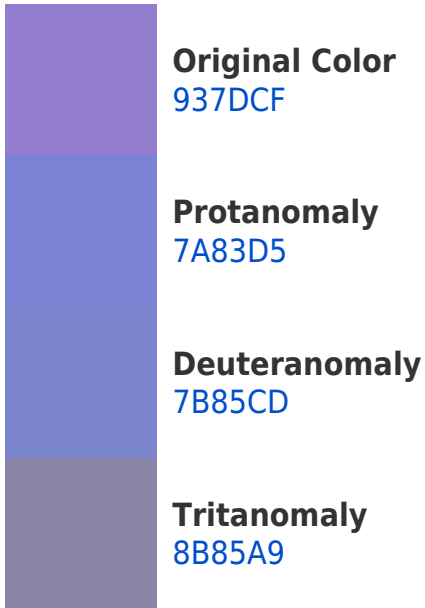
Dichromacy



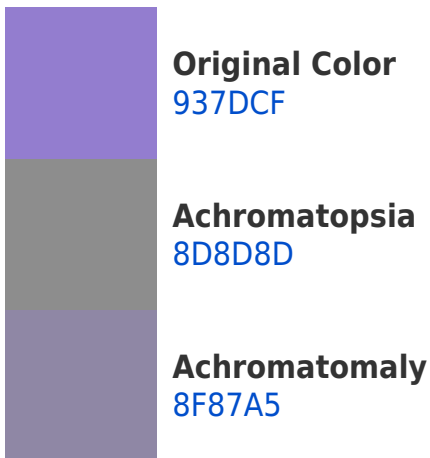


Tritanopia
878994

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #937DCF colored shadow looks like.

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

Border

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

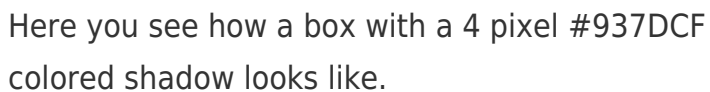
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

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

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

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

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



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

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

Background

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

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

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

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

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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