

Converting Colors

Hex(937FD2)

Have a look what the booklet for
Hex(937FD2) contains.

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Color

Hex(937FD2)

Conversions

Conversions Part 1

Format	Color
Hex	937FD2
RGB	147, 127, 210
RGB Percent	58%, 50%, 82%
CMY	0.4235, 0.5020, 0.1765
CMYK	0.30, 0.40, 0.00, 0.18
HSL	254°, 48%, 66%
HSV	254°, 40%, 82%
XYZ	31.2549, 26.0349, 64.3507
YIQ	142.4420, -14.7230, 30.0530

Conversions

Conversions Part 2

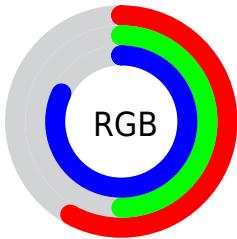
Format	Color
R_{YB}	147, 127, 210
Decimal	9666514
CIE _{Lab}	58.07, 25.85, -40.13
CIE _{LCh}	58, 47.735, 302.783
Yxy	26.0349, 0.2569, 0.2140
Android (android.graphics.Color)	4287856594 (0xFF937FD2)
YUV	142.4420, 33.3061, 3.9974
Hunter-Lab	51.0244, 20.0468, -39.0579

Details

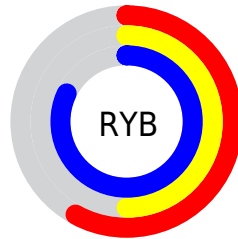
The Hex color **937FD2** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **BED27F**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **CBB4FF**, and **5E4E9B** is the 20% darker color. If you saturate the color by 10%, you get **836AD2**, and if you desaturate by 10%, it is **A394D2**.

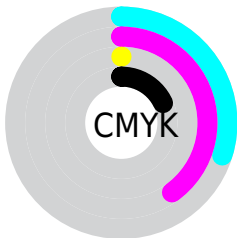
Distribution



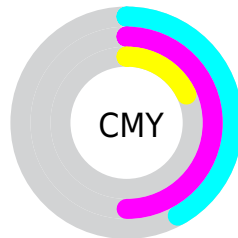
- Red (58%)
- Green (50%)
- Blue (82%)



- Red (58%)
- Yellow (50%)
- Blue (82%)



- Cyan (30%)
- Magenta (40%)
- Yellow (0%)
- Black (18%)



- Cyan (42%)
- Magenta (50%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 937FD2 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 937FD2 by changing the saturation by 10% instead.

937FD2

937FD2

FFFFFF

7866B6

CBB4FF

5E4E9B

E7D0FF

443781

FFECFF

292167

0A0C4F

000037

000221

000006

000000

937FD2

937FD2

836AD2

A394D2

7355D2

B3A9D2

6340D2

C3BED2

532BD2

D3D3D2

4316D2

E3E8D2

3301D2

F3FDD2

3300D2

FFFFD2

Harmonies

Analogous

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



418FDF



937FD2



C26FB3

Triad

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



937FD2



C17B41



00A08E

Complementary

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



937FD2



BED27F

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.



3A9D64



937FD2



A08B34

Square

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



937FD2



D66D61



759642



009FB8

Rectangle

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



937FD2



D36897



759642



00A080

Sweetspot

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



937FD2



E8E0FF



7FBFD2



726E80



000000



808080

Same Dimension

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



937FD2



A487FF



BC7FD2



615E69



2900A8



0A0029

Inverse Universe

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



D27FBE



FF87E2



95D27F



695E66



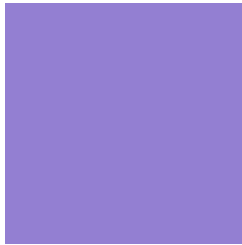
A80080



29001F

Previews

White Background



This preview shows how the Hex color 937FD2 looks on a white background.

Color Contrast Check

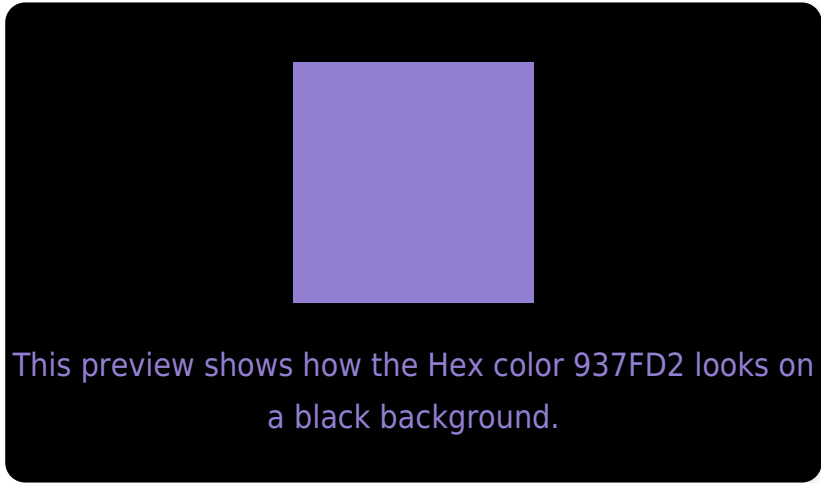
Large Text (above 18pt) WCAG AA ✓ Pass

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

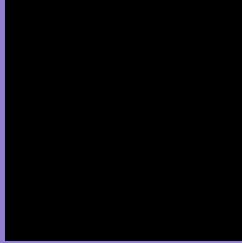
Any Text WCAG AA ✓ Pass

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 937FD2 Background



This preview shows how black text looks on a background with the Hex color 937FD2.

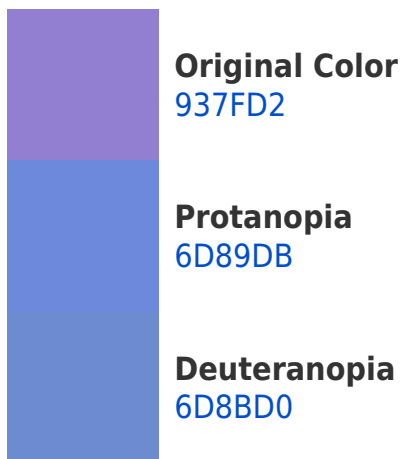


This preview shows how white text looks on a background with the Hex color 937FD2.

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](#).

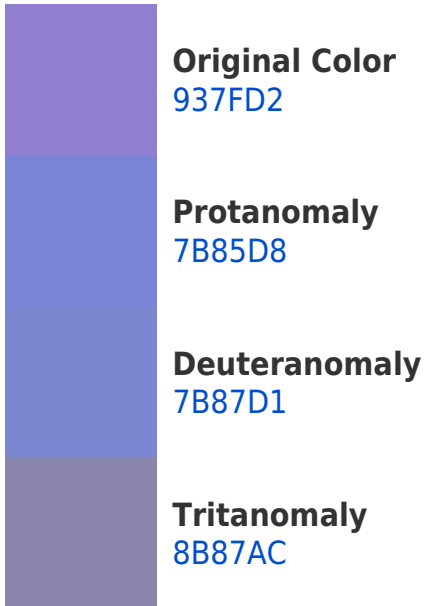
Dichromacy



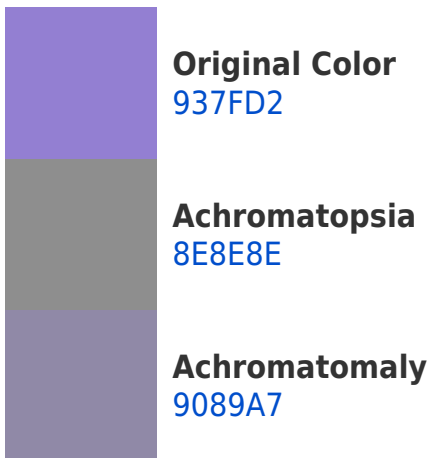


Tritanopia
878C97

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 937FD2 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 #937FD2 looks like.

```
.text, #text, p{  
    color:#937FD2  
}
```

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 #937FD2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #937FD2
}
```

Border

The CSS property to change the border of an element to Hex 937FD2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

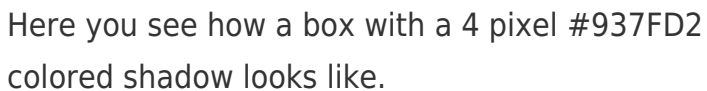
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#937FD2 }
```

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

```
.border{ border-color:#937FD2 }
```

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



Here you see how a box with a 4 pixel #937FD2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #937FD2; -webkit-box-shadow:4px 4px  
4px 4px #937FD2; box-shadow:4px 4px 4px  
4px #937FD2 }
```

Background

The CSS property to change the background color of an element to Hex 937FD2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#937FD2 }
```

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

```
.background{ background-color:#937FD2 }
```

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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