

Converting Colors

Hex(937FD8)

Have a look what the booklet for
Hex(937FD8) contains.

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Color

Hex(937FD8)

Conversions

Conversions Part 1

Format	Color
Hex	937FD8
RGB	147, 127, 216
RGB Percent	58%, 50%, 85%
CMY	0.4235, 0.5020, 0.1529
CMYK	0.32, 0.41, 0.00, 0.15
HSL	253°, 53%, 67%
HSV	253°, 41%, 85%
XYZ	32.0167, 26.3397, 68.3623
YIQ	143.1260, -16.6490, 31.9190

Conversions

Conversions Part 2

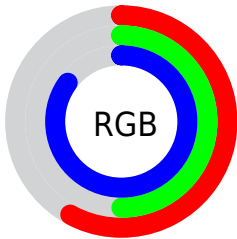
Format	Color
RYB	147, 127, 216
Decimal	9666520
CIELab	58.36, 27.39, -43.05
CIElCh	58, 51.026, 302.461
Yxy	26.3397, 0.2527, 0.2079
Android (android.graphics.Color)	4287856600 (0xFF937FD8)
YUV	143.1260, 35.9269, 3.3975
Hunter-Lab	51.3222, 21.5411, -43.0502

Details

The Hex color **937FD8** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **C4D87F**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **CBB4FF**, and **5D4EA1** is the 20% darker color. If you saturate the color by 10%, you get **8269D8**, and if you desaturate by 10%, it is **A495D8**.

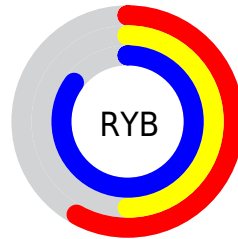
Distribution



Red (58%)

Green (50%)

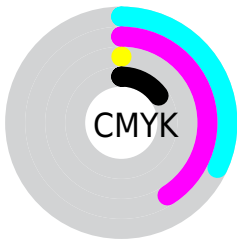
Blue (85%)



Red (58%)

Yellow (50%)

Blue (85%)

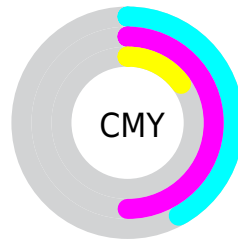


Cyan (32%)

Magenta (41%)

Yellow (0%)

Black (15%)



Cyan (42%)

Magenta (50%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 937FD8 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 937FD8 by changing the saturation by 10% instead.

■ 937FD8

■ 937FD8

FFFFFF

■ 7866BC

■ CBB4FF

■ 5D4EA1

■ E8D0FF

■ 433786

■ FFECFF

■ 27216C

■ 040C54

■ 00003C

■ 000225

■ 00010E

■ 000000

 937FD8

 937FD8

 8269D8

 A495D8

 7254D8

 B4AAD8

 613ED8


 C5C0D8

 5029D8

 D6D5D8

 3F13D8

 E7EBD8

 3100D8

 F7FFD8

 FFFFD8

Harmonies

Analogous

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



3390E6



937FD8



C66DB6

Triad

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



937FD8



C57B3C



00A28F

Complementary

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



937FD8



C4D87F

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.



329F61



937FD8



A18B2D

Square

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



937FD8



DB6B5F



74983C



00A1BB

Rectangle

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



937FD8



D8659A



74983C



00A27F

Sweetspot

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



937FD8



E7E0FF



7FC5D8



726E80



000000



808080

Same Dimension

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



937FD8



9E82FF



BF7FD8



63606B



2600AB



0A002B

Inverse Universe

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



D87FC4



FF82E3



98D87F



6B6069



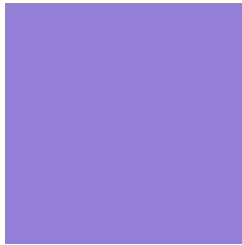
AB0084



2B0022

Previews

White Background



This preview shows how the Hex color 937FD8 looks on a white background.

Color Contrast Check

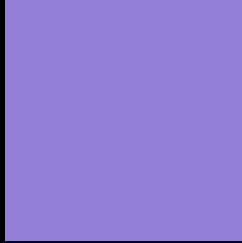
Large Text (above 18pt) WCAG AA ✓ Pass

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 937FD8 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 937FD8 Background



This preview shows how black text looks on a background with the Hex color 937FD8.

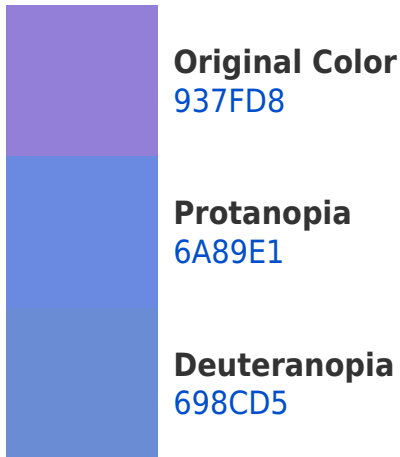


This preview shows how white text looks on a background with the Hex color 937FD8.

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](#).

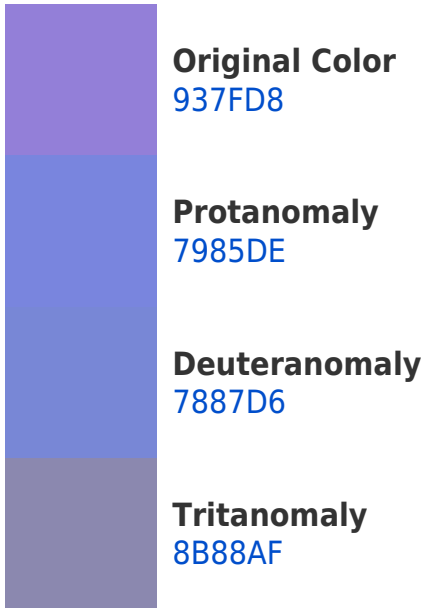
Dichromacy



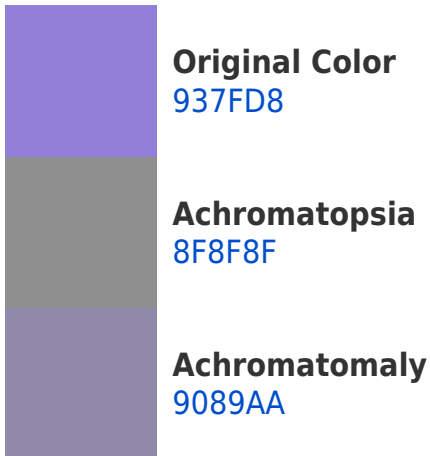


Tritanopia
868D98

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 937FD8 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 #937FD8 looks like.

```
.text, #text, p{  
    color:#937FD8  
}
```

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 #937FD8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #937FD8
}
```

Border

The CSS property to change the border of an element to Hex 937FD8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

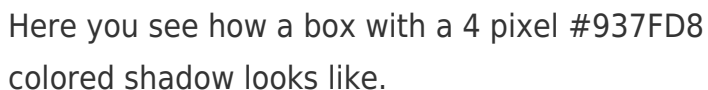
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#937FD8 }
```

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

```
.border{ border-color:#937FD8 }
```

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



Here you see how a box with a 4 pixel #937FD8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #937FD8; -webkit-box-shadow:4px 4px  
4px 4px #937FD8; box-shadow:4px 4px 4px  
4px #937FD8 }
```

Background

The CSS property to change the background color of an element to Hex 937FD8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#937FD8 }
```

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

```
.background{ background-color:#937FD8 }
```

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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