

# Converting Colors

Hex(936DF8)

Have a look what the booklet for  
Hex(936DF8) contains.

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**Color**

**Hex(936DF8)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 936DF8                      |
| RGB         | 147, 109, 248               |
| RGB Percent | 58%, 43%, 97%               |
| CMY         | 0.4235, 0.5725, 0.0275      |
| CMYK        | 0.41, 0.56, 0.00, 0.03      |
| HSL         | 256°, 91%, 70%              |
| HSV         | 256°, 56%, 97%              |
| XYZ         | 34.4445, 23.9176, 91.6081   |
| YIQ         | 136.2080, -21.9710, 51.2850 |

# Conversions

## Conversions Part 2

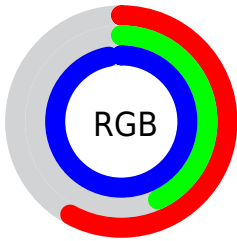
| Format                              | Color                         |
|-------------------------------------|-------------------------------|
| R <sub>Y</sub> B                    | 147, 109, 248                 |
| Decimal                             | 9661944                       |
| CIE Lab                             | 56.01, 46.11, -64.66          |
| CIE LCh                             | 56, 79.417, 305.492           |
| Yxy                                 | 23.9176, 0.2297,<br>0.1595    |
| Android<br>(android.graphics.Color) | 4287852024<br>(0xFF936DF8)    |
| YUV                                 | 136.2080, 55.1135,<br>9.4646  |
| Hunter-Lab                          | 48.9057, 40.1337,<br>-76.8256 |

# Details

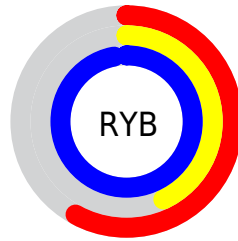
The Hex color **936DF8** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **D2F86D**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **CEA2FF**, and **583BBF** is the 20% darker color. If you saturate the color by 10%, you get **8154F8**, and if you desaturate by 10%, it is **A586F8**.

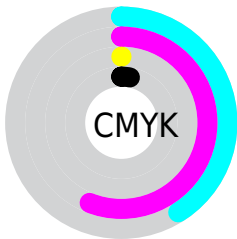
# Distribution



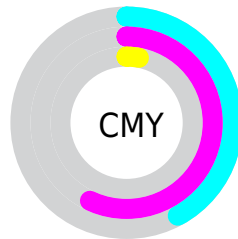
- Red (58%)
- Green (43%)
- Blue (97%)



- Red (58%)
- Yellow (43%)
- Blue (97%)



- Cyan (41%)
- Magenta (56%)
- Yellow (0%)
- Black (3%)



- Cyan (42%)
- Magenta (57%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 936DF8 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 936DF8 by changing the saturation by 10% instead.



 936DF8

 936DF8

FFFFFF

 7654DB

 CEA2FF

 583BBF

 ECBDF8

 3924A3

 FFD9FF

 0E0A88

 FFF6FF

 00006E

 000055

 00063C

 000226

 00010E

936DF8

936DF8

8154F8

A586F8

6F3BF8

B79FF8

5D23F8

C9B7F8

4B0AF8

DBD0F8

4400F8

EDE9F8

FFFFFF8

# Harmonies

## Analogous

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



008BFF



936DF8



E144C1

# Triad

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



936DF8



CE6C00



00A492

# Complementary

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



936DF8



D2F86D

# 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.



00A049



936DF8



978800

# Square

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



936DF8



F3473A



4C9800



00A3D5

# Rectangle

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



936DF8



F82C94



4C9800



00A379



# Sweetspot

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



936DF8



E0D4FF



6DD3F8



6D6680



000000



808080



# Same Dimension

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



936DF8



8354FF



D86DF8



74707D



3400BD



11003D



# Inverse Universe

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



F86DD2



FF54D0



8DF86D



7D707A



BD0089

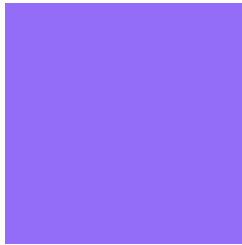


3D002C



# Previews

## White Background



This preview shows how the Hex color 936DF8 looks on a white background.

## Color Contrast Check

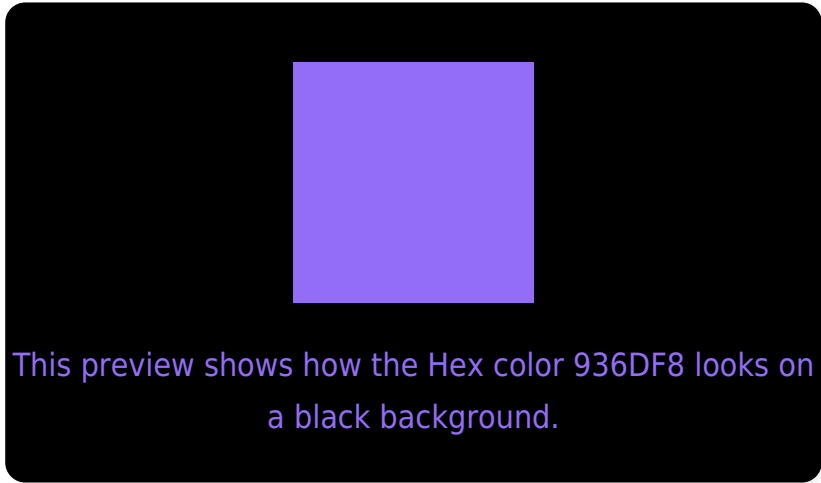
Large Text (above 18pt) WCAG AA ✓ Pass

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

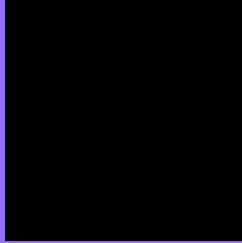
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 936DF8 Background



This preview shows how black text looks on a background with the Hex color 936DF8.

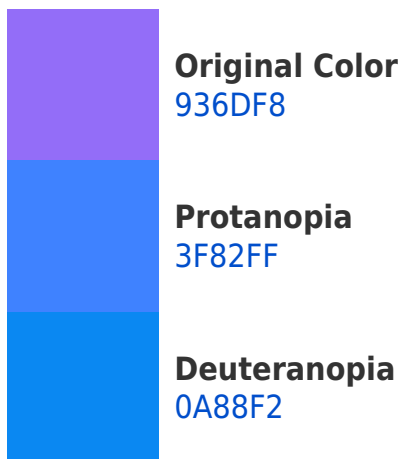


This preview shows how white text looks on a background with the Hex color 936DF8.

# 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](#).

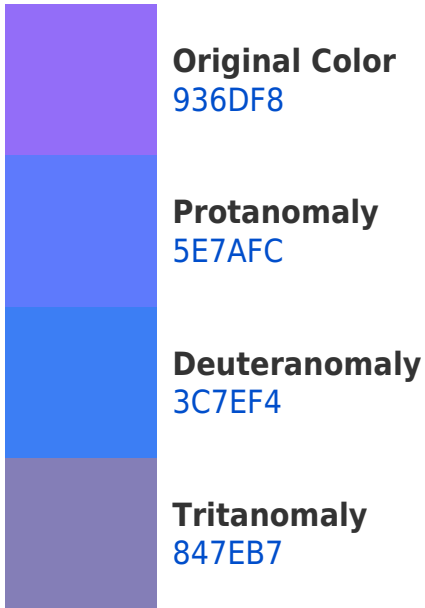
## Dichromacy





**Tritanopia**  
7B8892

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 936DF8 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 #936DF8 looks like.

```
.text, #text, p{  
    color:#936DF8  
}
```

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 #936DF8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #936DF8  
}
```

## Border

The CSS property to change the border of an element to Hex 936DF8 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  
#936DF8 }
```

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

```
.border{ border-color:#936DF8 }
```

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

Here you see how a box with a 4 pixel #936DF8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #936DF8; -webkit-box-shadow:4px 4px  
4px 4px #936DF8; box-shadow:4px 4px 4px  
4px #936DF8 }
```

# Background

The CSS property to change the background color of an element to Hex 936DF8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#936DF8 }
```

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

```
.background{ background-color:#936DF8 }
```

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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