

# Converting Colors

Hex(A38FE9)

Have a look what the booklet for  
Hex(A38FE9) contains.

|  |    |
|--|----|
| <b>Hex(A38FE9)</b> .....                       | 3  |
| <i><b>Conversions</b></i> .....                | 4  |
| <i><b>Details</b></i> .....                    | 6  |
| <i><b>Harmonies</b></i> .....                  | 11 |
| <i><b>Previews</b></i> .....                   | 23 |
| <i><b>Color Blindness Simulation</b></i> ..... | 26 |
| <i><b>CSS Examples</b></i> .....               | 29 |

# Color

**Hex(A38FE9)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | A38FE9                      |
| RGB         | 163, 143, 233               |
| RGB Percent | 64%, 56%, 91%               |
| CMY         | 0.3608, 0.4392, 0.0863      |
| CMYK        | 0.30, 0.39, 0.00, 0.09      |
| HSL         | 253°, 67%, 74%              |
| HSV         | 253°, 39%, 91%              |
| XYZ         | 39.6347, 33.3146, 81.4322   |
| YIQ         | 159.2400, -16.9700, 32.2300 |

# Conversions

## Conversions Part 2

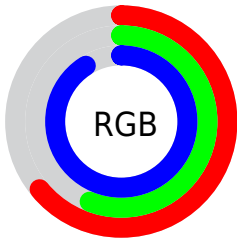
| Format                              | Color                         |
|-------------------------------------|-------------------------------|
| R <sub>Y</sub> B                    | 163, 143, 233                 |
| Decimal                             | 10719209                      |
| CIE Lab                             | 64.41, 26.93, -42.89          |
| CIE LCh                             | 64, 50.650, 302.125           |
| Yxy                                 | 33.3146, 0.2567,<br>0.2158    |
| Android<br>(android.graphics.Color) | 4288909289<br>(0xFFA38FE9)    |
| YUV                                 | 159.2400, 36.3637,<br>3.2975  |
| Hunter-Lab                          | 57.7188, 21.5654,<br>-43.2457 |

# Details

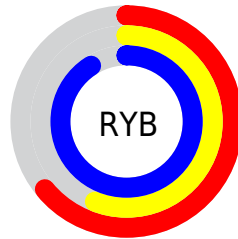
The Hex color **A38FE9** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **D5E98F**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **DCC5FF**, and **6D5CB1** is the 20% darker color. If you saturate the color by 10%, you get **9178E9**, and if you desaturate by 10%, it is **B5A6E9**.

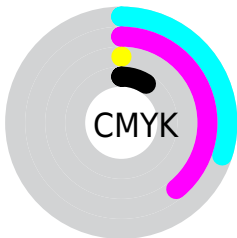
# Distribution



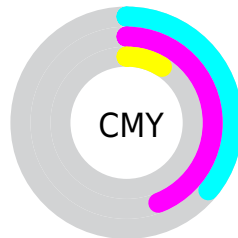
- Red (64%)
- Green (56%)
- Blue (91%)



- Red (64%)
- Yellow (56%)
- Blue (91%)



- Cyan (30%)
- Magenta (39%)
- Yellow (0%)
- Black (9%)



- Cyan (36%)
- Magenta (44%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A38FE9 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 A38FE9 by changing the saturation by 10% instead.



 A38FE9

 A38FE9

FFFFFF

 8875CD

 DCC5FF

 6D5CB1

 F9E1FF

 524596

FFFEFF

 372E7C

 1B1962

 00024A


 000232

 00021C

 000000

 A38FE9

 A38FE9

 9178E9

 B5A6E9

 7F60E9

 C7BEE9

 6D49E9

 D9D5E9

 5B32E9

 EBECE9

 481AE9

 FEFFE9

 3603E9

 FFFFE9

 3400E9

# Harmonies

## Analogous

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



4BA0F6



A38FE9



D67EC7

# Triad

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



A38FE9



D78A4C



00B39E

# Complementary

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



A38FE9



D5E98F

# 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.



47AF70



A38FE9



B39B3E

# Square

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



A38FE9



ED7B6F



85A84C



00B2CB

# Rectangle

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



A38FE9



E976AA



85A84C



00B28E



# Sweetspot

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



A38FE9



E7E0FF



8FD5E9



726E80



000000



808080



# Same Dimension

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



A38FE9



A48AFF



D08FE9



6C6A75



2800B5



0C0036



# Inverse Universe

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



E98FD5



FF8AE5



A9E98F



756A73



B5008D

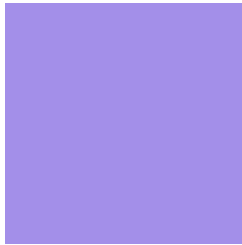


36002A



# Previews

## White Background



This preview shows how the Hex color A38FE9 looks on a white background.

## Color Contrast Check

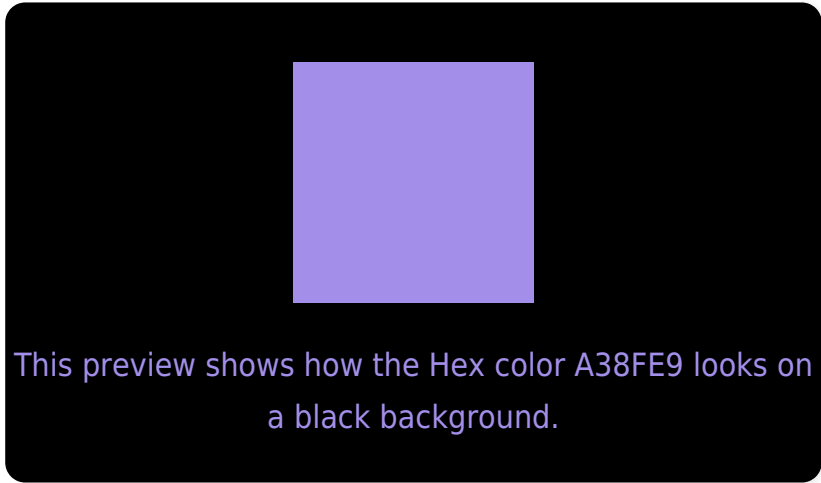
Large Text (above 18pt) WCAG AA × Fail

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

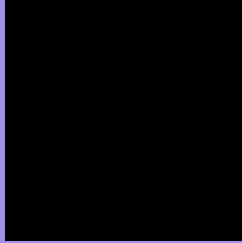
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A38FE9 Background



This preview shows how black text looks on a background with the Hex color A38FE9.



This preview shows how white text looks on a background with the Hex color A38FE9.

# 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](#).

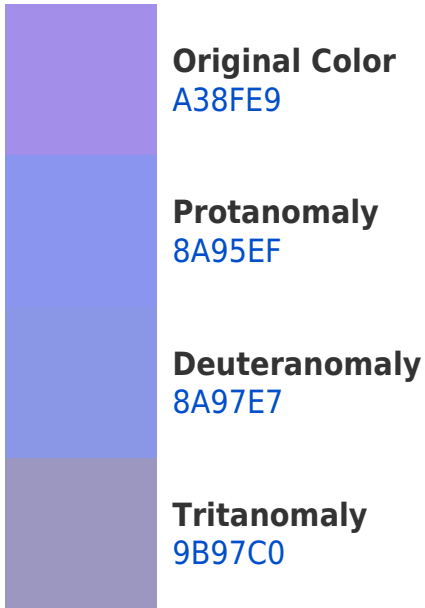
## Dichromacy



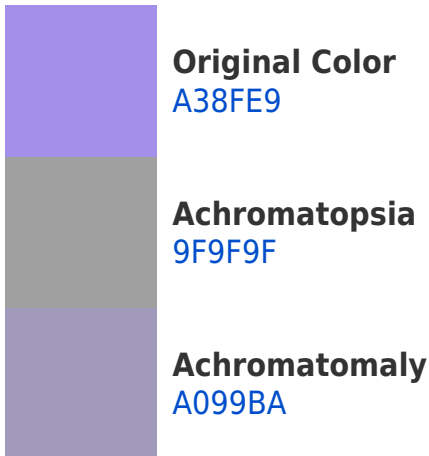


**Tritanopia**  
969CA9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A38FE9 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 #A38FE9 looks like.

```
.text, #text, p{  
    color:#A38FE9  
}
```

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 #A38FE9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A38FE9
}
```

## Border

The CSS property to change the border of an element to Hex A38FE9 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
#A38FE9 }
```

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

```
.border{ border-color:#A38FE9 }
```

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

Here you see how a box with a 4 pixel #A38FE9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A38FE9; -webkit-box-shadow:4px 4px  
4px 4px #A38FE9; box-shadow:4px 4px 4px  
4px #A38FE9 }
```

# Background

The CSS property to change the background color of an element to Hex A38FE9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A38FE9 }
```

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

```
.background{ background-color:#A38FE9 }
```

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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