

# Converting Colors

Hex(A954FA)

Have a look what the booklet for  
Hex(A954FA) contains.

|  |    |
|--|----|
| <b>Hex(A954FA)</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(A954FA)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | A954FA                     |
| RGB         | 169, 84, 250               |
| RGB Percent | 66%, 33%, 98%              |
| CMY         | 0.3373, 0.6706, 0.0196     |
| CMYK        | 0.32, 0.66, 0.00, 0.02     |
| HSL         | 271°, 94%, 65%             |
| HSV         | 271°, 66%, 98%             |
| XYZ         | 36.7878, 21.6778, 92.6878  |
| YIQ         | 128.3390, -2.6260, 69.6460 |

# Conversions

## Conversions Part 2

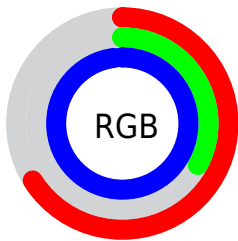
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| R <sub>Y</sub> B                    | 169, 84, 250                  |
| Decimal                             | 11097338                      |
| CIE Lab                             | 53.68, 64.02, -69.40          |
| CIE LCh                             | 54, 94.424, 312.691           |
| Yxy                                 | 21.6778, 0.2434,<br>0.1434    |
| Android<br>(android.graphics.Color) | 4289287418<br>(0xFFA954FA)    |
| YUV                                 | 128.3390, 59.9789,<br>35.6597 |
| Hunter-Lab                          | 46.5594, 59.5586,<br>-85.4395 |

# Details

The Hex color **A954FA** is a light color, and the websafe version is hex **9966FF**. The color can be described as light muted purple. A complement of this color would be **A5FA54**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **E58BFF**, and **6E19C0** is the 20% darker color. If you saturate the color by 10%, you get **9D3BFA**, and if you desaturate by 10%, it is **B56DFA**.

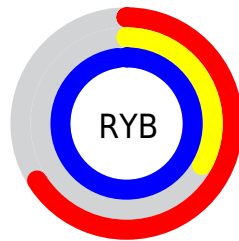
# Distribution



Red (66%)

Green (33%)

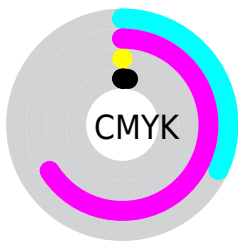
Blue (98%)



Red (66%)

Yellow (33%)

Blue (98%)

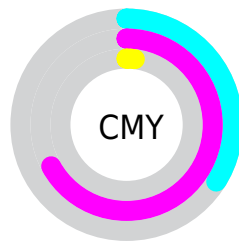


Cyan (32%)

Magenta (66%)

Yellow (0%)

Black (2%)



Cyan (34%)

Magenta (67%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A954FA 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 A954FA by changing the saturation by 10% instead.



 A954FA

 A954FA

FFFFFF

 8C38DD

 E58BFF

 6E19C0

 FFA6FF

 5000A5

 FFC3FF

 300089

 FFE0FF

 00006F

 FFFDFF

 000056

 00063D

 000326

 000110

 A954FA

 A954FA

 9D3BFA

 B56DFA

 9122FA

 C186FA

 8409FA

 CE9FFA

 8000FA

 DAB8FA

 E6D1FA

 F2EAFA

 FEFFFA

 FFFFFA

# Harmonies

## Analogous

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



0080FF



A954FA



F500B3

# Triad

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



A954FA



C26B00



00A1A2

# Complementary

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



A954FA



A5FA54

# 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.



009E4C



A954FA



7D8800

# Square

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



A954FA



F43509



009700



00A0EF

# Rectangle

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



A954FA



FF007D



009700



00A086



# Sweetspot

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



A954FA



E6CCFF



54A7FA



716180



000000



808080



# Same Dimension

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



A954FA



9B33FF



FA54FA



77707D



6100BD



1F003D



# Inverse Universe

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



FA54A5



FF3397



54FA54



7D7077



BD005C



3D001E



# Previews

## White Background



This preview shows how the Hex color A954FA looks on a white background.

## Color Contrast Check

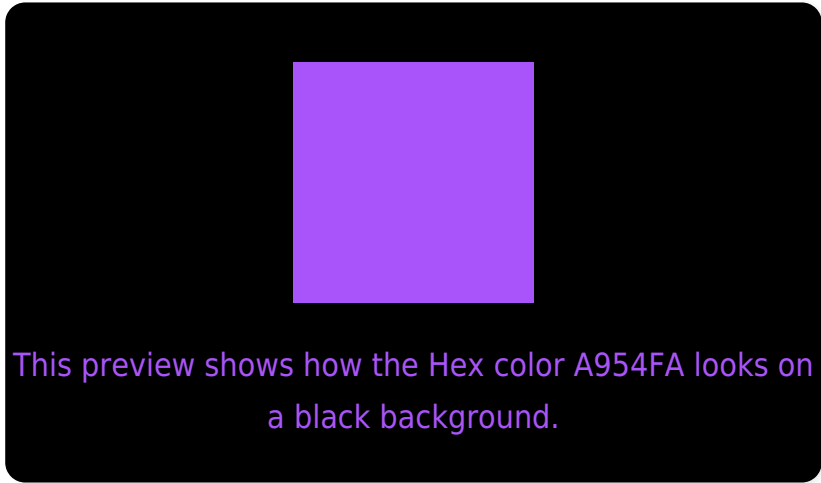
Large Text (above 18pt) WCAG AA ✓ Pass

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

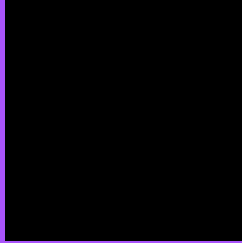
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A954FA Background



This preview shows how black text looks on a background with the Hex color A954FA.

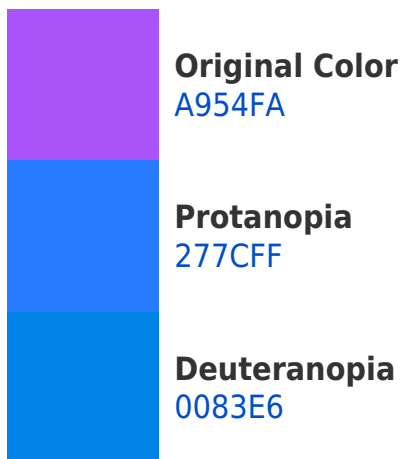


This preview shows how white text looks on a background with the Hex color A954FA.

# 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](#).

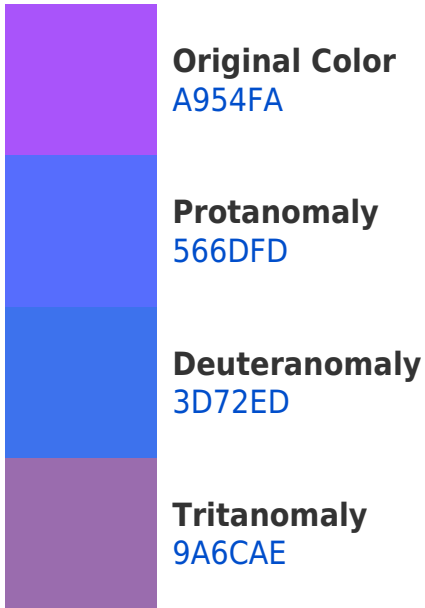
## Dichromacy



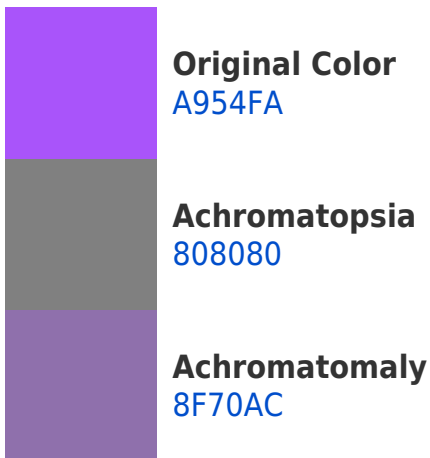


**Tritanopia**  
927983

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A954FA 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 #A954FA looks like.

```
.text, #text, p{  
    color:#A954FA  
}
```

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 #A954FA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A954FA
}
```

## Border

The CSS property to change the border of an element to Hex A954FA 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
#A954FA }
```

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

```
.border{ border-color:#A954FA }
```

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

Here you see how a box with a 4 pixel #A954FA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A954FA; -webkit-box-shadow:4px 4px  
4px 4px #A954FA; box-shadow:4px 4px 4px  
4px #A954FA }
```

# Background

The CSS property to change the background color of an element to Hex A954FA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A954FA }
```

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

```
.background{ background-color:#A954FA }
```

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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