

# Converting Colors

Hex(A943EF)

Have a look what the booklet for  
Hex(A943EF) contains.

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# Color

Hex(A943EF)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A943EF
RGB	169, 67, 239
RGB Percent	66%, 26%, 94%
CMY	0.3373, 0.7373, 0.0627
CMYK	0.29, 0.72, 0.00, 0.06
HSL	276°, 84%, 60%
HSV	276°, 72%, 94%
XYZ	33.9493, 18.6813, 83.4779
YIQ	117.1060, 5.5800, 75.1160

# Conversions

## Conversions Part 2

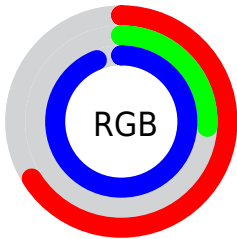
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	169, 67, 239
Decimal	11092975
CIE Lab	50.31, 68.93, -68.72
CIE LCh	50, 97.332, 315.089
Yxy	18.6813, 0.2494, 0.1373
Android (android.graphics.Color)	4289283055 (0xFFA943EF)
YUV	117.1060, 60.0937, 45.5110
Hunter-Lab	43.2219, 64.5674, -84.2562

# Details

The Hex color **A943EF** is a light color, and the websafe version is hex **9933CC**. The color can be described as light muted purple. A complement of this color would be **89EF43**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **E57BFF**, and **6E00B6** is the 20% darker color. If you saturate the color by 10%, you get **9F2BEF**, and if you desaturate by 10%, it is **B35BEF**.

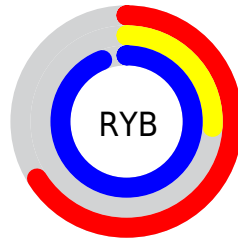
# Distribution



Red (66%)

Green (26%)

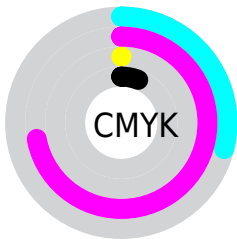
Blue (94%)



Red (66%)

Yellow (26%)

Blue (94%)

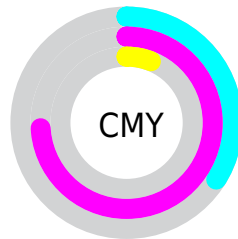


Cyan (29%)

Magenta (72%)

Yellow (0%)

Black (6%)



Cyan (34%)

Magenta (74%)

Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A943EF 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 A943EF by changing the saturation by 10% instead.



 A943EF

 A943EF

FFFFFF

 8C24D2

 E57BFF

 6E00B6

 FF97FF

 51009A

 FFB4FF

 31007F

 FFD1FF

 0E0066

 FFEEFF

 00004C

 000534

 00021E

 000001

 A943EF

 A943EF

 9F2BEF

 B35BEF

 9613EF

 BC73EF

 8E00EF

 C68BEF

 D0A3EF

 DABAEF

 E3D2EF

 EDEAEF

 F7FFEF

 FFFFEF

# Harmonies

## Analogous

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



0075FF



A943EF



F100A5

# Triad

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



A943EF



B36500



0098A1

# Complementary

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



A943EF



89EF43

# 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.



009549



A943EF



6B8100

# Square

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



A943EF



E82900



008F00



0097EE

# Rectangle

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



A943EF



FF006E



008F00



009784



# Sweetspot

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



A943EF



E8C7FF



438BEF



725E80



000000



808080



# Same Dimension

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



A943EF



A624FF



EF43E1



736C78



6D00B8



210038



# Inverse Universe

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



EF4389



FF247D



43EF51



786C71



B8004B

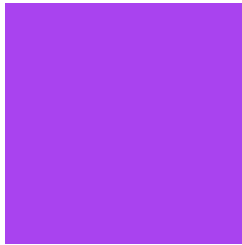


380017



# Previews

## White Background



This preview shows how the Hex color A943EF looks on a white background.

## Color Contrast Check

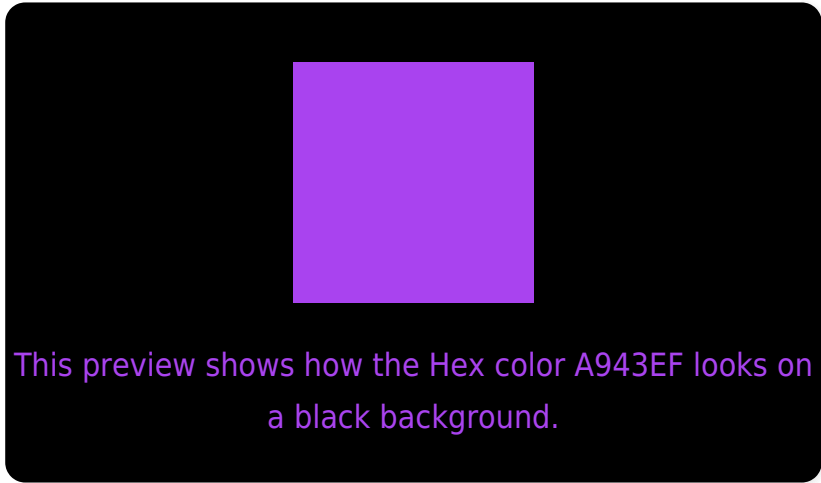
Large Text (above 18pt) WCAG AA ✓ Pass

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

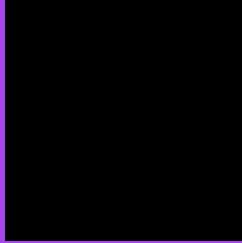
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A943EF Background



This preview shows how black text looks on a background with the Hex color A943EF.

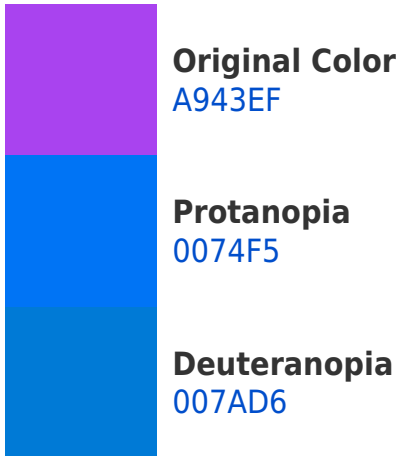



This preview shows how white text looks on a background with the Hex color A943EF.

# 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](#).

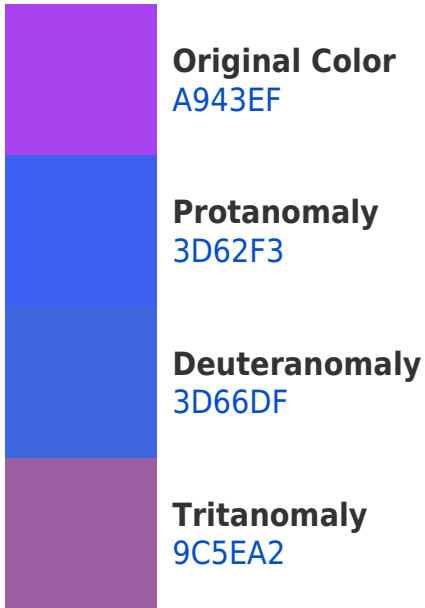
## Dichromacy



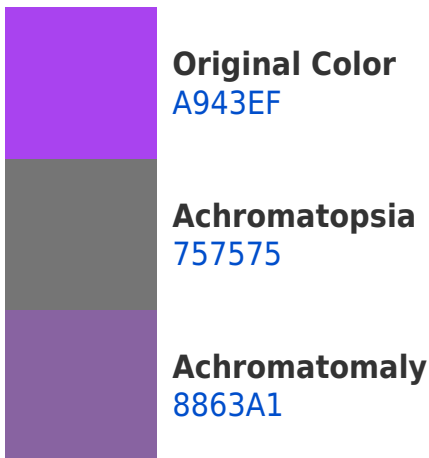


**Tritanopia**  
946D76

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A943EF 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 #A943EF looks like.

```
.text, #text, p{  
    color:#A943EF  
}
```

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 #A943EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A943EF
}
```

## Border

The CSS property to change the border of an element to Hex A943EF 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".

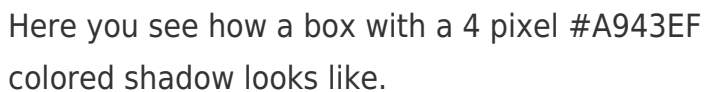
```
.border, #border, table{ border:4px solid
#A943EF }
```

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

```
.border{ border-color:#A943EF }
```

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

Here you see how a box with a 4 pixel #A943EF colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top and left sides, and a thicker purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A943EF; -webkit-box-shadow:4px 4px  
4px 4px #A943EF; box-shadow:4px 4px 4px  
4px #A943EF }
```

# Background

The CSS property to change the background color of an element to Hex A943EF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A943EF }
```

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

```
.background{ background-color:#A943EF }
```

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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