

# Converting Colors

Hex(944BFF)

Have a look what the booklet for  
Hex(944BFF) contains.

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# Color

Hex(944BFF)

# Conversions

## Conversions Part 1

Format	Color
Hex	944BFF
RGB	148, 75, 255
RGB Percent	58%, 29%, 100%
CMY	0.4196, 0.7059, 0.0000
CMYK	0.42, 0.71, 0.00, 0.00
HSL	264°, 100%, 65%
HSV	264°, 71%, 100%
XYZ	32.7788, 18.5481, 96.4602
YIQ	117.3470, -14.2720, 71.4560

# Conversions

## Conversions Part 2

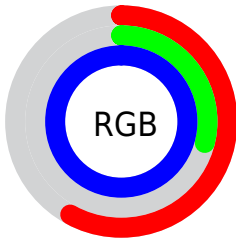
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	148, 75, 255
Decimal	9718783
CIE <sub>Lab</sub>	50.15, 65.49, -78.03
CIE <sub>LCh</sub>	50, 101.866, 310.007
Yxy	18.5481, 0.2218, 0.1255
Android (android.graphics.Color)	4287908863 (0xFF944BFF)
YUV	117.3470, 67.8629, 26.8827
Hunter-Lab	43.0675, 60.4891, -102.6474

# Details

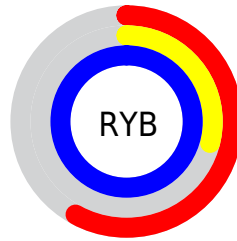
The Hex color **944BFF** is a light color, and the websafe version is hex **9933FF**. The color can be described as light washed purple. A complement of this color would be **B6FF4B**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **D181FF**, and **560DC5** is the 20% darker color. If you saturate the color by 10%, you get **8532FF**, and if you desaturate by 10%, it is **A365FF**.

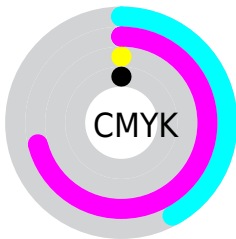
# Distribution



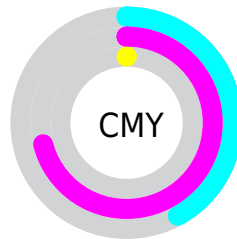
- Red (58%)
- Green (29%)
- Blue (100%)



- Red (58%)
- Yellow (29%)
- Blue (100%)



- Cyan (42%)
- Magenta (71%)
- Yellow (0%)
- Black (0%)



- Cyan (42%)
- Magenta (71%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 944BFF 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 944BFF by changing the saturation by 10% instead.



 944BFF

 944BFF

FFFFFF

 762FE2

 D181FF

 560DC5

 EF9DFF

 3300A9

 FFB9FF

 00008E

 FFD5FF

 000073

 FFF3FF

 000059

 000741

 00032A

 000114

 944BFF

 944BFF

 8532FF

 A365FF

 7618FF

 B27EFF

 6700FF

 C198FF

 D1B1FF

 E0CBFF

 EFE4FF

FEFEFF

FFFFFF

# Harmonies

## Analogous

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



007BFF



944BFF



EE00B5

# Triad

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



944BFF



BF5C00



009893

# Complementary

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



944BFF



B6FF4B

# 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.



009536



944BFF



787E00

# Square

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



944BFF



F20000



008E00



0098E7

# Rectangle

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



944BFF



FF007C



008E00



009775



# Sweetspot

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



944BFF



DFC9FF



4BB7FF



6D6080



000000



808080



# Same Dimension

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



944BFF



7E26FF



ED4BFF



787380



4E00BF



1A0040



# Inverse Universe

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



FF4BB6



FF26A7



5DFF4B



80737A



BF0072

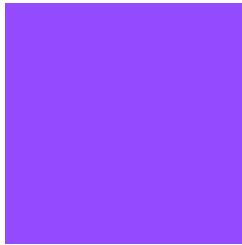


400026



# Previews

## White Background



This preview shows how the Hex color 944BFF looks on a white background.

## Color Contrast Check

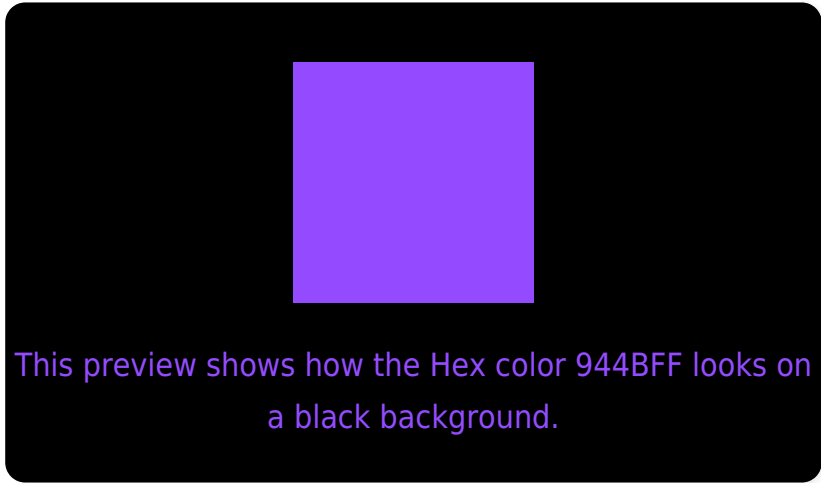
Large Text (above 18pt) WCAG AA ✓ Pass

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

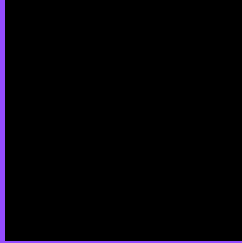
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 944BFF Background



This preview shows how black text looks on a background with the Hex color 944BFF.

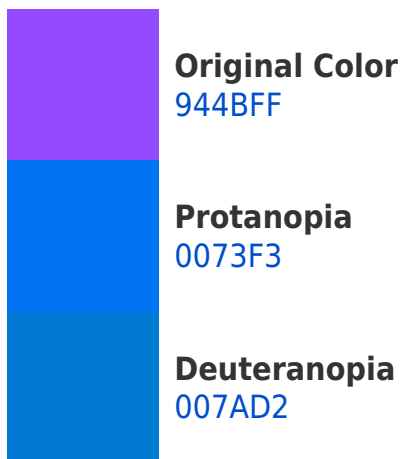



This preview shows how white text looks on a background with the Hex color 944BFF.

# 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](#).

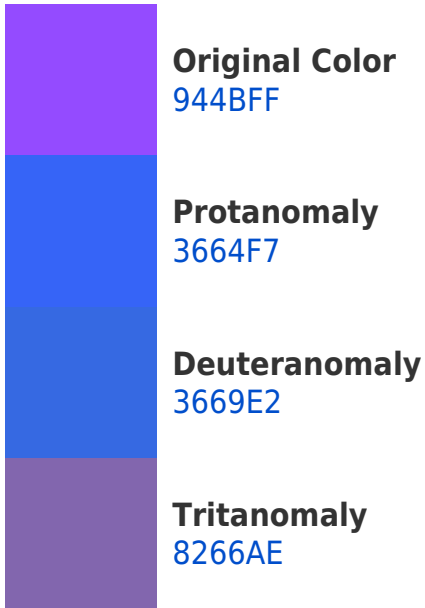
## Dichromacy



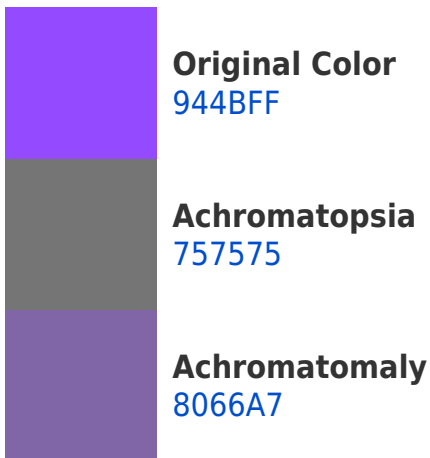


**Tritanopia**  
77767F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 944BFF 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 #944BFF looks like.

```
.text, #text, p{  
    color:#944BFF  
}
```

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 #944BFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #944BFF
}
```

## Border

The CSS property to change the border of an element to Hex 944BFF is called "border". The border property can be set on classes, ids or directly on the HTML element.

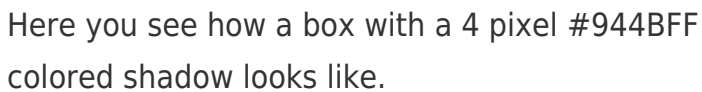
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#944BFF }
```

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

```
.border{ border-color:#944BFF }
```

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



Here you see how a box with a 4 pixel #944BFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #944BFF; -webkit-box-shadow:4px 4px  
4px 4px #944BFF; box-shadow:4px 4px 4px  
4px #944BFF }
```

# Background

The CSS property to change the background color of an element to Hex 944BFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#944BFF }
```

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

```
.background{ background-color:#944BFF }
```

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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