

# Converting Colors

Hex(A14BFF)

Have a look what the booklet for  
Hex(A14BFF) contains.

<b>Hex(A14BFF)</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(A14BFF)

# Conversions

## Conversions Part 1

Format	Color
Hex	A14BFF
RGB	161, 75, 255
RGB Percent	63%, 29%, 100%
CMY	0.3686, 0.7059, 0.0000
CMYK	0.37, 0.71, 0.00, 0.00
HSL	269°, 100%, 65%
HSV	269°, 71%, 100%
XYZ	35.2640, 19.8292, 96.5765
YIQ	121.2340, -6.5240, 74.2120

# Conversions

## Conversions Part 2

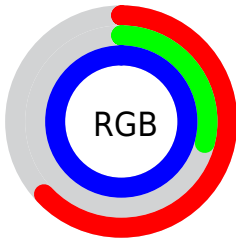
Format	Color
<a href="#">RYB</a>	<a href="#">161, 75, 255</a>
Decimal	<a href="#">10570751</a>
CIELab	<a href="#">51.64, 67.71, -75.54</a>
CIELCh	<a href="#">52, 101.443, 311.875</a>
Yxy	<a href="#">19.8292, 0.2325, 0.1307</a>
Android (android.graphics.Color)	<a href="#">4288760831</a> ( <a href="#">0xFFA14BFF</a> )
YUV	<a href="#">121.2340, 65.9466, 34.8748</a>
Hunter-Lab	<a href="#">44.5300, 63.4294, -97.4169</a>

# Details

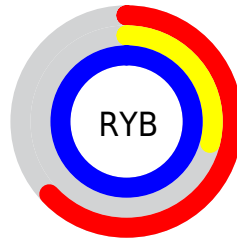
The Hex color **A14BFF** is a light color, and the websafe version is hex **9933FF**. The color can be described as light washed purple. A complement of this color would be **A9FF4B**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **DD82FF**, and **6507C5** is the 20% darker color. If you saturate the color by 10%, you get **9432FF**, and if you desaturate by 10%, it is **AE65FF**.

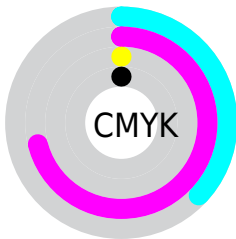
# Distribution



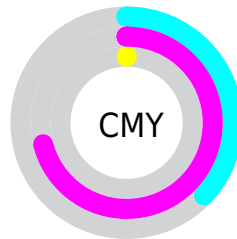
- Red (63%)
- Green (29%)
- Blue (100%)



- Red (63%)
- Yellow (29%)
- Blue (100%)



- Cyan (37%)
- Magenta (71%)
- Yellow (0%)
- Black (0%)



- Cyan (37%)
- Magenta (71%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A14BFF 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 A14BFF by changing the saturation by 10% instead.



 A14BFF

 A14BFF

FFFFFF

 832EE2

 DD82FF

 6507C5

 FC9EFF

 4500A9

 FFBAFF

 1E008E

 FFD7FF

 000073

 FFF4FF

 000059

 000741

 00032A

 000114

 A14BFF

 A14BFF

 9432FF

 AE65FF

 8618FF

 BC7EFF

 7A00FF

 C998FF

 D6B1FF

 E4CBFF

 F1E4FF

 FEFEFF

 FFFFFFFF

# Harmonies

## Analogous

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



007DFF



A14BFF



F500B3

# Triad

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



A14BFF



C06200



009C9D

# Complementary

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



A14BFF



A9FF4B

# 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.



009940



A14BFF



778300

# Square

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



A14BFF



F41600



009300



009CEF

# Rectangle

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



A14BFF



FF007A



009300



009C7F



# Sweetspot

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



A14BFF



E3C9FF



4BABFF



6F6080



000000



808080



# Same Dimension

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



A14BFF



8E26FF



F94BFF



797380



5B00BF



1E0040



# Inverse Universe

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



FF4BA9



FF2697



51FF4B



807379



BF0064

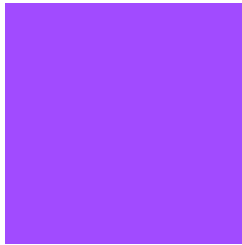


400021



# Previews

## White Background



This preview shows how the Hex color A14BFF looks on a white background.

## Color Contrast Check

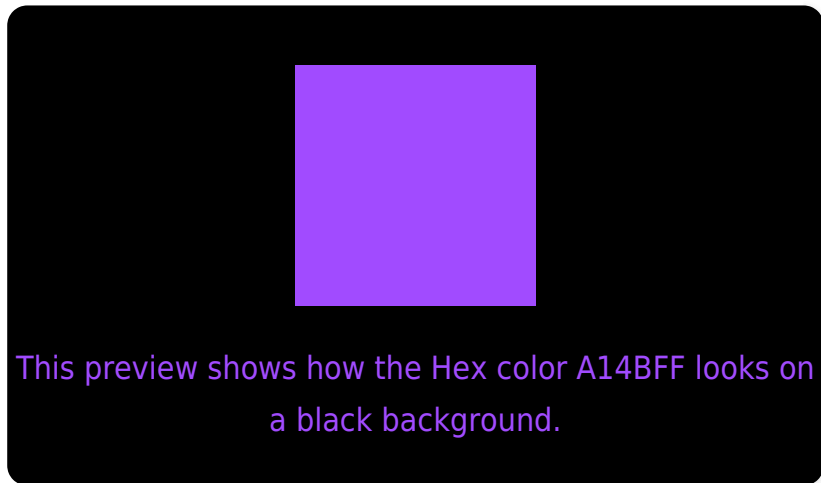
Large Text (above 18pt) WCAG AA ✓ Pass

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

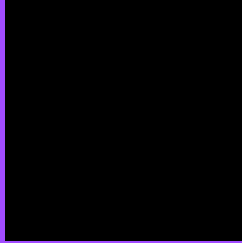
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A14BFF Background



This preview shows how black text looks on a background with the Hex color A14BFF.

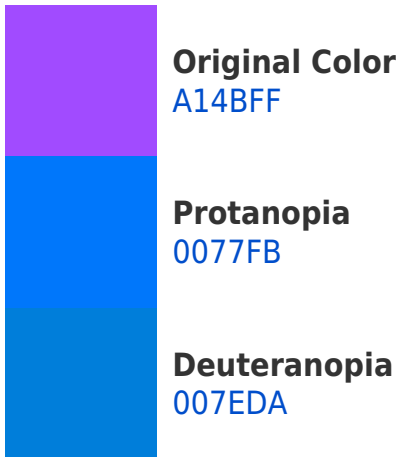



This preview shows how white text looks on a background with the Hex color A14BFF.

# 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](#).

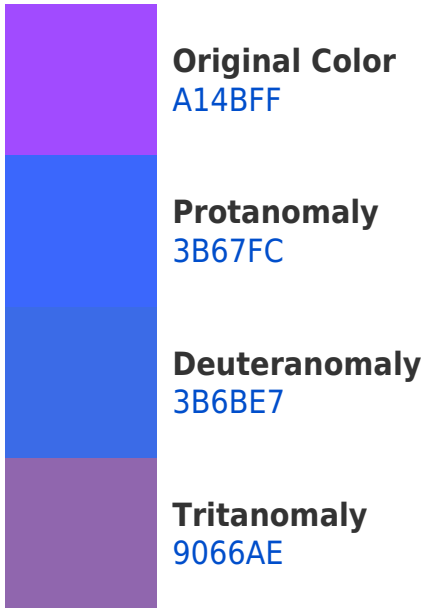
## Dichromacy



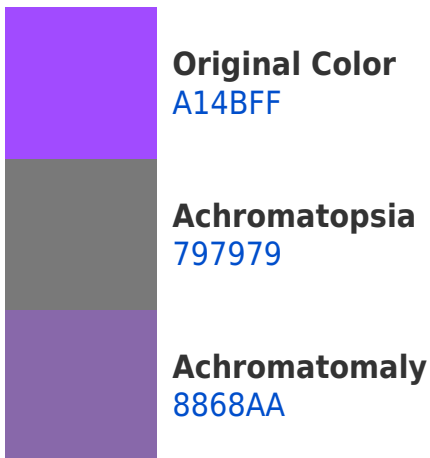


**Tritanopia**  
87767F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A14BFF 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 #A14BFF looks like.

```
.text, #text, p{  
    color:#A14BFF  
}
```

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 #A14BFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A14BFF
}
```

## Border

The CSS property to change the border of an element to Hex A14BFF 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
#A14BFF }
```

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

```
.border{ border-color:#A14BFF }
```

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

Here you see how a box with a 4 pixel #A14BFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A14BFF; -webkit-box-shadow:4px 4px  
4px 4px #A14BFF; box-shadow:4px 4px 4px  
4px #A14BFF }
```

# Background

The CSS property to change the background color of an element to Hex A14BFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A14BFF }
```

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

```
.background{ background-color:#A14BFF }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor