

# Converting Colors

Hex(914CFD)

Have a look what the booklet for  
Hex(914CFD) contains.

<b>Hex(914CFD)</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(914CFD)

# Conversions

## Conversions Part 1

Format	Color
Hex	914CFD
RGB	145, 76, 253
RGB Percent	57%, 30%, 99%
CMY	0.4314, 0.7020, 0.0078
CMYK	0.43, 0.70, 0.00, 0.01
HSL	263°, 98%, 65%
HSV	263°, 70%, 99%
XYZ	31.9911, 18.2805, 94.7709
YIQ	116.8090, -15.6930, 69.6750

# Conversions

## Conversions Part 2

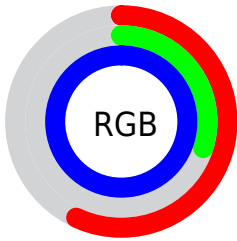
Format	Color
R <sub>YB</sub>	145, 76, 253
Decimal	9522429
CIE Lab	49.83, 64.03, -77.45
CIE LCh	50, 100.492, 309.583
Yxy	18.2805, 0.2206, 0.1260
Android (android.graphics.Color)	4287712509 (0xFF914CFD)
YUV	116.8090, 67.1422, 24.7235
Hunter-Lab	42.7557, 58.7368, -101.4914

# Details

The Hex color **914CFD** 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 **B8FD4C**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **CE82FF**, and **5311C3** is the 20% darker color. If you saturate the color by 10%, you get **8233FD**, and if you desaturate by 10%, it is **A065FD**.

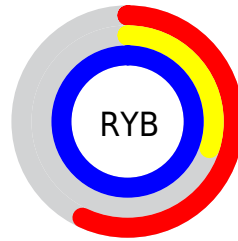
# Distribution



Red (57%)

Green (30%)

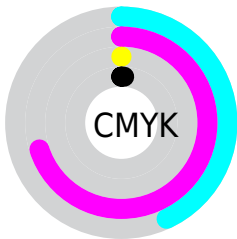
Blue (99%)



Red (57%)

Yellow (30%)

Blue (99%)

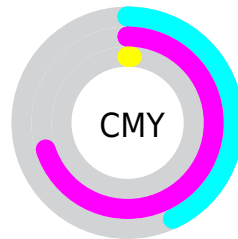


Cyan (43%)

Magenta (70%)

Yellow (0%)

Black (1%)



Cyan (43%)

Magenta (70%)

Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 914CFD 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 914CFD by changing the saturation by 10% instead.



 914CFD

 914CFD

FFFFFF

 7331E0

 CE82FF

 5311C3

 EC9DFF

 2F00A7

 FFB9FF


 00008C

 FFD6FF

 000071

 FFF3FF

 000058

 00063F

 000328

 000112

 914CFD

 914CFD

 8233FD

 A065FD

 7219FD

 B07FFD

 6300FD

 BF98FD

 CFB1FD

 DECBFD

 EEE4FD

 FDFDFD

FFFFFFD

# Harmonies

## Analogous

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



007BFF



914CFD



EB00B4

# Triad

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



914CFD



BE5B00



009791

# Complementary

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



914CFD



B8FD4C

# 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.



009435



914CFD



787C00

# Square

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



914CFD



F00000



008D00



0097E3

# Rectangle

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



914CFD



FF007C



008D00



009673



# Sweetspot

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



914CFD



DEC9FF



4CB9FD



6C6080



000000



808080



# Same Dimension

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



914CFD



7C29FF



E84CFD



787380



4B00BF



190040



# Inverse Universe

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



FD4CB8



FF29AB



61FD4C



80737B



BF0075

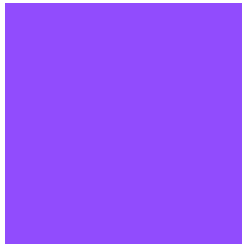


400027



# Previews

## White Background



This preview shows how the Hex color 914CFD looks on a white background.

## Color Contrast Check

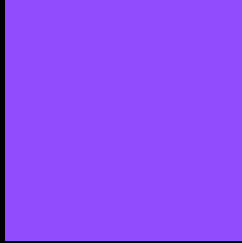
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 914CFD looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

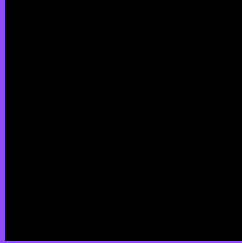
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 914CFD Background



This preview shows how black text looks on a background with the Hex color 914CFD.




This preview shows how white text looks on a background with the Hex color 914CFD.

# 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](#).

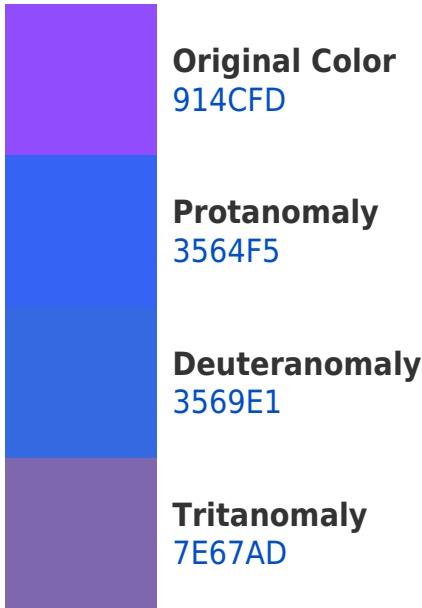
## Dichromacy





**Tritanopia**  
73767F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 914CFD 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 #914CFD looks like.

```
.text, #text, p{  
    color:#914CFD  
}
```

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 #914CFD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #914CFD
}
```

## Border

The CSS property to change the border of an element to Hex 914CFD is called "border". The border property can be set on classes, ids or directly on the HTML element.

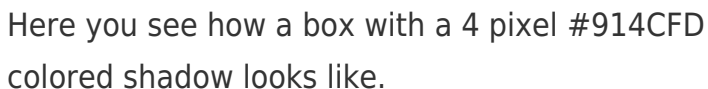
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#914CFD }
```

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

```
.border{ border-color:#914CFD }
```

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



Here you see how a box with a 4 pixel #914CFD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #914CFD; -webkit-box-shadow:4px 4px  
4px 4px #914CFD; box-shadow:4px 4px 4px  
4px #914CFD }
```

# Background

The CSS property to change the background color of an element to Hex 914CFD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#914CFD }
```

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

```
.background{ background-color:#914CFD }
```

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