

# Converting Colors

Hex(A113F3)

Have a look what the booklet for  
Hex(A113F3) contains.

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**Color**

**Hex(A113F3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A113F3
RGB	161, 19, 243
RGB Percent	63%, 7%, 95%
CMY	0.3686, 0.9255, 0.0471
CMYK	0.34, 0.92, 0.00, 0.05
HSL	278°, 90%, 51%
HSV	278°, 92%, 95%
XYZ	31.1085, 14.5139, 85.9559
YIQ	86.9940, 12.7280, 99.7680

# Conversions

## Conversions Part 2

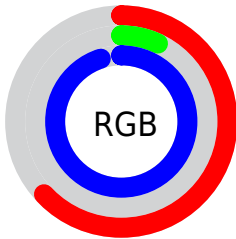
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	161, 19, 243
Decimal	10556403
CIE Lab	44.96, 81.81, -79.74
CIE LCh	45, 114.242, 315.736
Yxy	14.5139, 0.2364, 0.1103
Android (android.graphics.Color)	4288746483 (0xFFA113F3)
YUV	86.9940, 76.9110, 64.9033
Hunter-Lab	38.0971, 79.0857, -107.1041

# Details

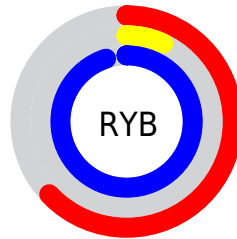
The Hex color **A113F3** is a dark color, and the websafe version is hex **9933FF**. The color can be described as middle washed purple. A complement of this color would be **65F313**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **DE5DFF**, and **6400B9** is the 20% darker color. If you saturate the color by 10%, you get **9A00F3**, and if you desaturate by 10%, it is **AA2BF3**.

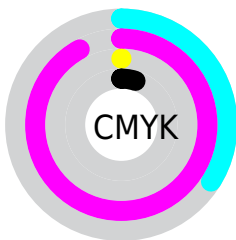
# Distribution



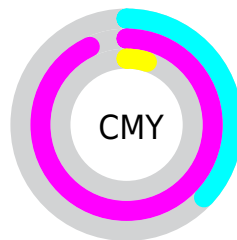
- Red (63%)
- Green (7%)
- Blue (95%)



- Red (63%)
- Yellow (7%)
- Blue (95%)



- Cyan (34%)
- Magenta (92%)
- Yellow (0%)
- Black (5%)



- Cyan (37%)
- Magenta (93%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A113F3 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 A113F3 by changing the saturation by 10% instead.



 A113F3

 A113F3

FFFFFF

 8300D6

 DE5DFF

 6400B9

 FD7AFF

 43009E

 FF97FF

 1C0082

 FFB5FF

 000068

 FFD2FF

 00004F

 FFF0FF

 000537

 000221

 000005

 A113F3

 A113F3

 9A00F3

 AA2BF3

 B344F3

 BC5CF3

 C574F3

 CD8CF3

 D6A5F3

 DFBDF3

 E8D5F3

 F1EEF3

# Harmonies

## Analogous

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



0069FF



A113F3



F3009C

# Triad

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



A113F3



A65500



008B9C

# Complementary

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



A113F3



65F313

# 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.



008936



A113F3



527600

# Square

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



A113F3



E30000



008300



008CF5

# Rectangle

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



A113F3



FF005E



008300



008B7B



# Sweetspot

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



A113F3



E5B8FF



1365F3



705480



000000



808080



# Same Dimension

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



A113F3



A200FF



F313D5



766E7A



7600BA



25003B



# Inverse Universe

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



F31365



FF005D



13F331



7A6E73



BA0044

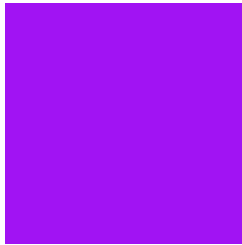


3B0015



# Previews

## White Background



This preview shows how the Hex color A113F3 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



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

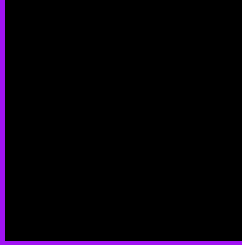
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex A113F3 Background



This preview shows how black text looks on a background with the Hex color A113F3.



This preview shows how white text looks on a background with the Hex color A113F3.

# 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](#).

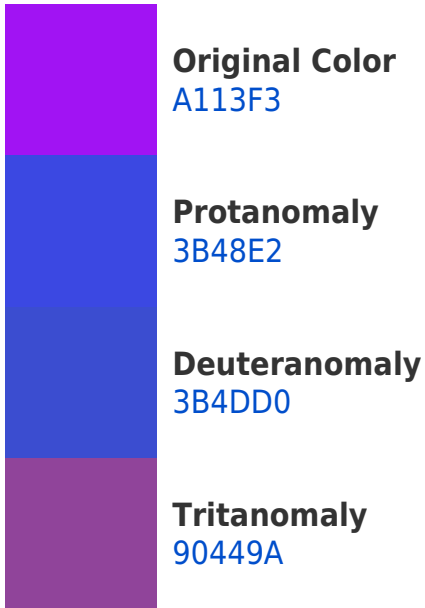
## Dichromacy



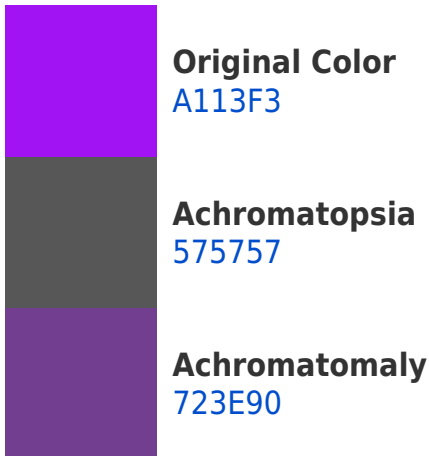


**Tritanopia**  
876067

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A113F3 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 #A113F3 looks like.

```
.text, #text, p{  
    color:#A113F3  
}
```

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 #A113F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A113F3
}
```

## Border

The CSS property to change the border of an element to Hex A113F3 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".

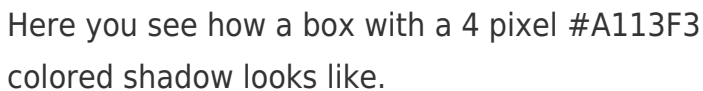
```
.border, #border, table{ border:4px solid
#A113F3 }
```

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

```
.border{ border-color:#A113F3 }
```

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

Here you see how a box with a 4 pixel #A113F3 colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A113F3; -webkit-box-shadow:4px 4px  
4px 4px #A113F3; box-shadow:4px 4px 4px  
4px #A113F3 }
```

# Background

The CSS property to change the background color of an element to Hex A113F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A113F3 }
```

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

```
.background{ background-color:#A113F3 }
```

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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