

# Converting Colors

Hex(A631F3)

Have a look what the booklet for  
Hex(A631F3) contains.

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**Color**

**Hex(A631F3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A631F3
RGB	166, 49, 243
RGB Percent	65%, 19%, 95%
CMY	0.3490, 0.8078, 0.0471
CMYK	0.32, 0.80, 0.00, 0.05
HSL	276°, 89%, 57%
HSV	276°, 80%, 95%
XYZ	33.0019, 16.7747, 86.2925
YIQ	106.0990, 7.4580, 85.1380

# Conversions

## Conversions Part 2

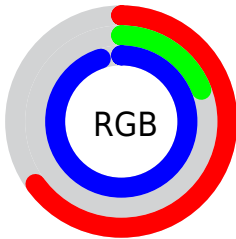
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	166, 49, 243
Decimal	10891763
CIE <sub>Lab</sub>	47.97, 75.67, -74.78
CIE <sub>LCh</sub>	48, 106.391, 315.340
Yxy	16.7747, 0.2425, 0.1233
Android (android.graphics.Color)	4289081843 (0xFFA631F3)
YUV	106.0990, 67.4922, 52.5332
Hunter-Lab	40.9569, 72.1554, -96.2488

# Details

The Hex color **A631F3** 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 **7EF331**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **E26DFF**, and **6A00BA** is the 20% darker color. If you saturate the color by 10%, you get **9C19F3**, and if you desaturate by 10%, it is **B049F3**.

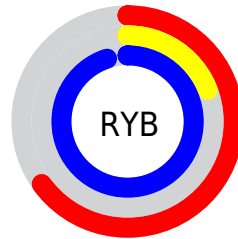
# Distribution



Red (65%)

Green (19%)

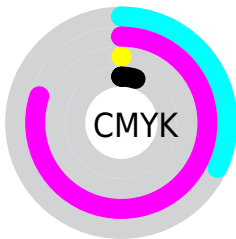
Blue (95%)



Red (65%)

Yellow (19%)

Blue (95%)

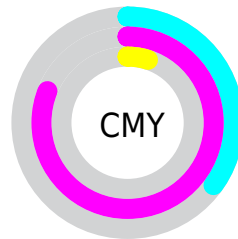


Cyan (32%)

Magenta (80%)

Yellow (0%)

Black (5%)



Cyan (35%)

Magenta (81%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A631F3 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 A631F3 by changing the saturation by 10% instead.



 A631F3

 A631F3

FFFFFF

 8800D6

 E26DFF

 6A00BA

 FF8AFF

 4B009E

 FFA7FF

 280083

 FFC4FF

 000069

 FFE1FF

 00004F

 000537

 000221

 000006

 A631F3

 A631F3

 9C19F3

 B049F3

 9300F3

 B962F3

 C37AF3

 CD92F3

 D6AAF3

 E0C3F3

 EADBF3

 F3F3F3

 FDFFF3

# Harmonies

## Analogous

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



0070FF



A631F3



F400A2

# Triad

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



A631F3



AE5D00



0093A0

# Complementary

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



A631F3



7EF331

# 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.



009040



A631F3



607C00

# Square

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



A631F3



E70000



008A00



0093F3

# Rectangle

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



A631F3



FF0067



008A00



009281



# Sweetspot

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



A631F3



E7C2FF



317FF3



715B80



000000



808080



# Same Dimension

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



A631F3



9E0AFF



F331E0



766E7A



7000BA



23003B



# Inverse Universe

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



F3317E



FF0A6B



31F344



7A6E73



BA004A

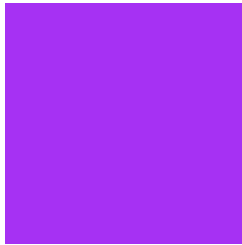


3B0017



# Previews

## White Background



This preview shows how the Hex color A631F3 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

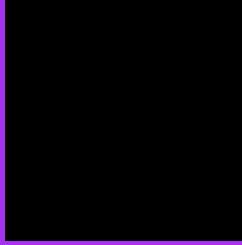
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex A631F3 Background



This preview shows how black text looks on a background with the Hex color A631F3.

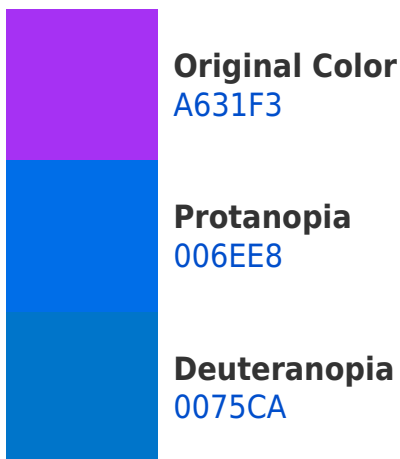


This preview shows how white text looks on a background with the Hex color A631F3.

# 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](#).

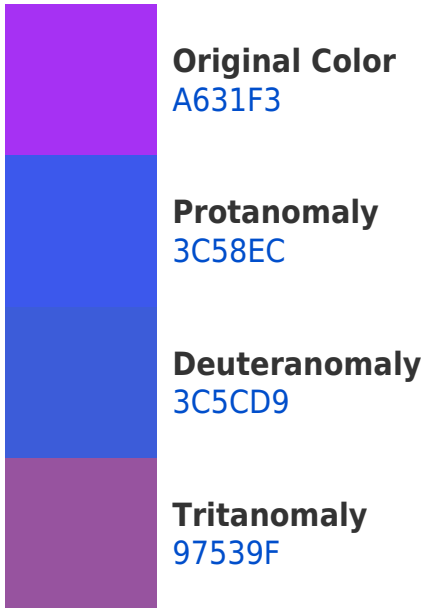
## Dichromacy





**Tritanopia**  
8E676F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A631F3 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 #A631F3 looks like.

```
.text, #text, p{  
    color:#A631F3  
}
```

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 #A631F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A631F3
}
```

## Border

The CSS property to change the border of an element to Hex A631F3 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".

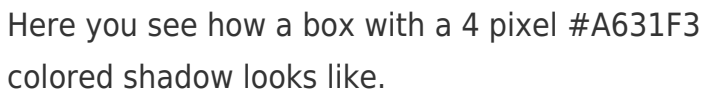
```
.border, #border, table{ border:4px solid
#A631F3 }
```

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

```
.border{ border-color:#A631F3 }
```

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

Here you see how a box with a 4 pixel #A631F3 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A631F3; -webkit-box-shadow:4px 4px  
4px 4px #A631F3; box-shadow:4px 4px 4px  
4px #A631F3 }
```

# Background

The CSS property to change the background color of an element to Hex A631F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A631F3 }
```

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

```
.background{ background-color:#A631F3 }
```

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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