

# Converting Colors

Hex(A31FFC)

Have a look what the booklet for  
Hex(A31FFC) contains.

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**Color**

**Hex(A31FFC)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A31FFC
RGB	163, 31, 252
RGB Percent	64%, 12%, 99%
CMY	0.3608, 0.8784, 0.0118
CMYK	0.35, 0.88, 0.00, 0.01
HSL	276°, 97%, 55%
HSV	276°, 88%, 99%
XYZ	33.1649, 15.7948, 93.3962
YIQ	95.6620, 7.7310, 96.7150

# Conversions

## Conversions Part 2

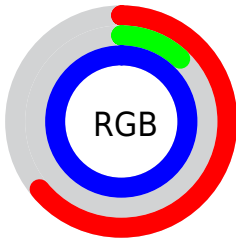
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	163, 31, 252
Decimal	10690556
CIE <sub>Lab</sub>	46.70, 81.73, -81.92
CIE <sub>LCh</sub>	47, 115.717, 314.934
Yxy	15.7948, 0.2330, 0.1110
Android (android.graphics.Color)	4288880636 (0xFFA31FFC)
YUV	95.6620, 77.0746, 59.0554
Hunter-Lab	39.7426, 79.4072, -111.5131

# Details

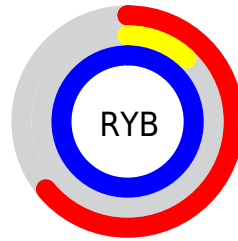
The Hex color **A31FFC** is a dark color, and the websafe version is hex **9933FF**. The color can be described as middle washed purple. A complement of this color would be **78FC1F**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **E063FF**, and **6500C2** is the 20% darker color. If you saturate the color by 10%, you get **9906FC**, and if you desaturate by 10%, it is **AD38FC**.

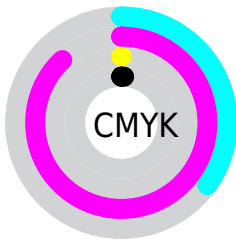
# Distribution



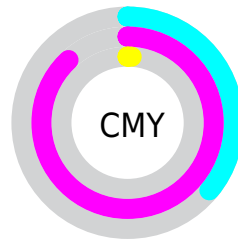
- Red (64%)
- Green (12%)
- Blue (99%)



- Red (64%)
- Yellow (12%)
- Blue (99%)



- Cyan (35%)
- Magenta (88%)
- Yellow (0%)
- Black (1%)



- Cyan (36%)
- Magenta (88%)
- Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A31FFC 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 A31FFC by changing the saturation by 10% instead.



 A31FFC

 A31FFC

FFFFFF

 8400DF

 E063FF

 6500C2

 FF80FF

 4400A6

 FF9DFF

 1B008B

 FFBAFF

 000070

 FFD8FF

 000056

 FFF6FF

 00063E

 000327

 000110

 A31FFC

 A31FFC

 9906FC

 AD38FC

 9700FC

 B751FC

 C16BFC

 CC84FC

 D69DFC

 E0B6FC

 EACFFC

 F4E9FC

 FEFFFC

# Harmonies

## Analogous

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



006EFF



A31FFC



FA00A4

# Triad

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



A31FFC



AE5800



00919F

# Complementary

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



A31FFC



78FC1F

# 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.



008E37



A31FFC



597A00

# Square

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



A31FFC



EB0000



008800



0092FA

# Rectangle

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



A31FFC



FF0064



008800



00907D



# Sweetspot

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



A31FFC



E4BDFE



1F7BFC



705880



000000



808080



# Same Dimension

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



A31FFC



9800FF



FC1FEA



78707D



7100BD



25003D



# Inverse Universe

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



FC1F78



FF0067



1FFC31



7D7075



BD004C

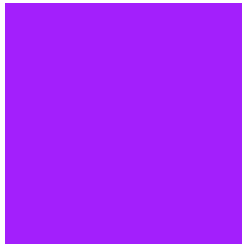


3D0019



# Previews

## White Background



This preview shows how the Hex color A31FFC looks on a white background.

## Color Contrast Check

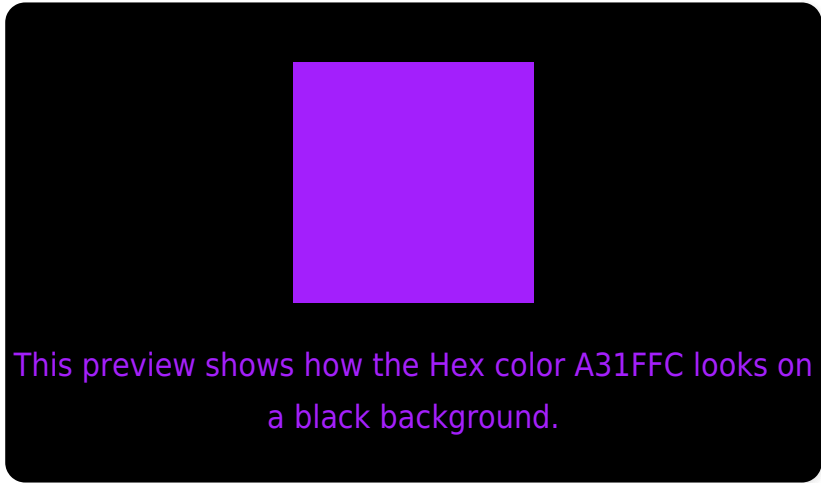
Large Text (above 18pt) WCAG AA ✓ Pass

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

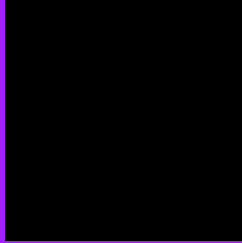
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex A31FFC Background



This preview shows how black text looks on a background with the Hex color A31FFC.



This preview shows how white text looks on a background with the Hex color A31FFC.

# 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



**Original Color**  
A31FFC

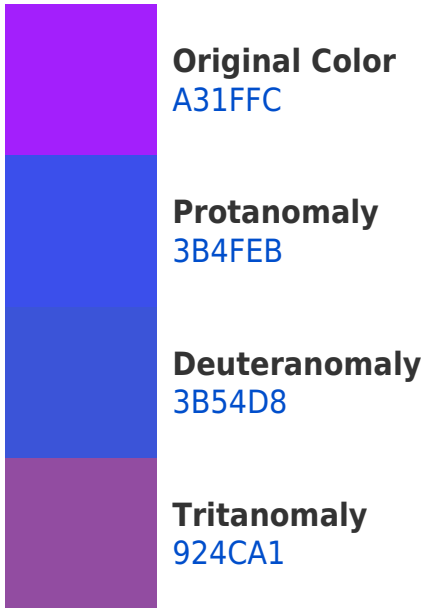
**Protanopia**  
006BE1

**Deuteranopia**  
0072C3



**Tritanopia**  
88656D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A31FFC 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 #A31FFC looks like.

```
.text, #text, p{  
    color:#A31FFC  
}
```

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 #A31FFC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A31FFC
}
```

## Border

The CSS property to change the border of an element to Hex A31FFC 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".

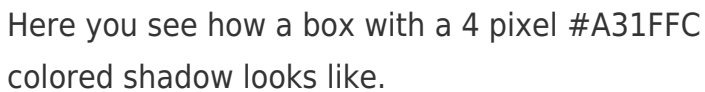
```
.border, #border, table{ border:4px solid
#A31FFC }
```

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

```
.border{ border-color:#A31FFC }
```

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

Here you see how a box with a 4 pixel #A31FFC 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 #A31FFC; -webkit-box-shadow:4px 4px  
4px 4px #A31FFC; box-shadow:4px 4px 4px  
4px #A31FFC }
```

# Background

The CSS property to change the background color of an element to Hex A31FFC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A31FFC }
```

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

```
.background{ background-color:#A31FFC }
```

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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