

Converting Colors

Hex(A31CE6)

Have a look what the booklet for
Hex(A31CE6) contains.

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Color

Hex(A31CE6)

Conversions

Conversions Part 1

Format	Color
Hex	A31CE6
RGB	163, 28, 230
RGB Percent	64%, 11%, 90%
CMY	0.3608, 0.8902, 0.0980
CMYK	0.29, 0.88, 0.00, 0.10
HSL	280°, 80%, 51%
HSV	280°, 88%, 90%
XYZ	29.8024, 14.3302, 76.0582
YIQ	91.3930, 15.6180, 91.4420

Conversions

Conversions Part 2

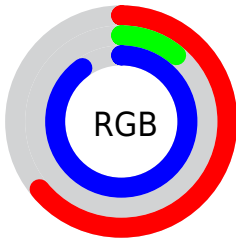
Format	Color
R _Y B	163, 28, 230
Decimal	10689766
CIE _{Lab}	44.70, 78.03, -72.80
CIE _{LCh}	45, 106.717, 316.989
Yxy	14.3302, 0.2480, 0.1192
Android (android.graphics.Color)	4288879846 (0xFFA31CE6)
YUV	91.3930, 68.3333, 62.7993
Hunter-Lab	37.8553, 74.2816, -92.6258

Details

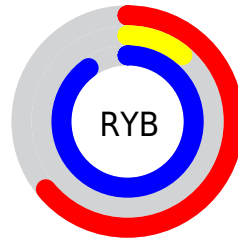
The Hex color **A31CE6** is a dark color, and the websafe version is hex **9900CC**. The color can be described as middle washed purple. A complement of this color would be **5FE61C**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **DF60FF**, and **6700AD** is the 20% darker color. If you saturate the color by 10%, you get **9B05E6**, and if you desaturate by 10%, it is **AB33E6**.

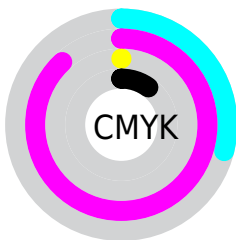
Distribution



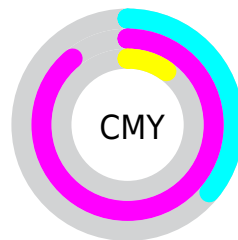
- Red (64%)
- Green (11%)
- Blue (90%)



- Red (64%)
- Yellow (11%)
- Blue (90%)



- Cyan (29%)
- Magenta (88%)
- Yellow (0%)
- Black (10%)



- Cyan (36%)
- Magenta (89%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color A31CE6 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 A31CE6 by changing the saturation by 10% instead.

 A31CE6

 A31CE6

FFFFFF

 8500C9

 DF60FF

 6700AD

 FE7DFF

 490092

 FF9AFF

 270077

 FFB7FF

 00005D

 FFD4FF

 000044

 FFF2FF

 00032D

 000117

 000000

 A31CE6

 A31CE6

 9B05E6

 AB33E6

 9A00E6

 B24AE6

 BA61E6

 C278E6

 C98FE6

 D1A6E6

 D8BDE6

 E0D4E6

 E8EBE6

Harmonies

Analogous

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



0066FF



A31CE6



EC0094

Triad

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



A31CE6



A15800



008A9C

Complementary

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



A31CE6



5FE61C

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.



00873E



A31CE6



517500

Square

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



A31CE6



DA0000



008200



008AED

Rectangle

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



A31CE6



F9005A



008200



00897D

Sweetspot

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



A31CE6



E9BDFE



1C5FE6



725880



000000



808080

Same Dimension

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



A31CE6



AA00FF



E61CC4



6F6773



7700B3



220033

Inverse Universe

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



E61C5F



FF0055



1CE63E



73676B



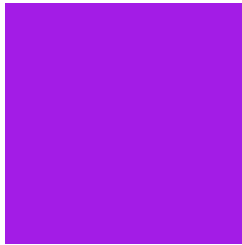
B3003B



330011

Previews

White Background



This preview shows how the Hex color A31CE6 looks on a white background.

Color Contrast Check

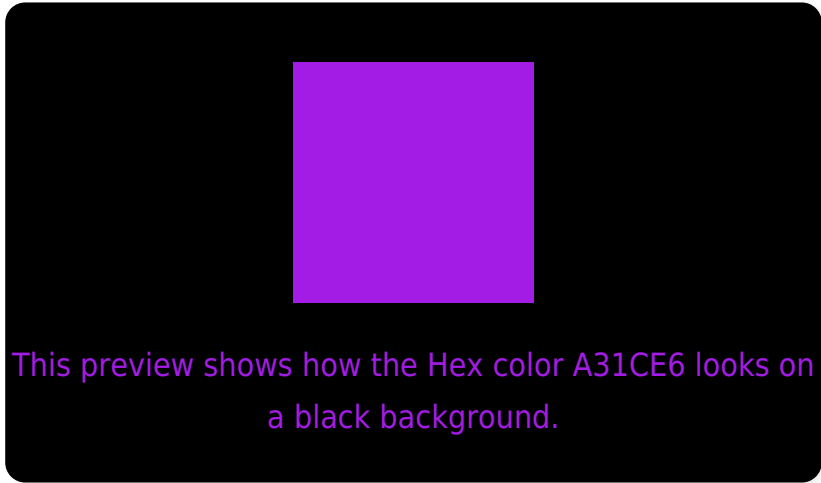
Large Text (above 18pt) WCAG AA ✓ Pass

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

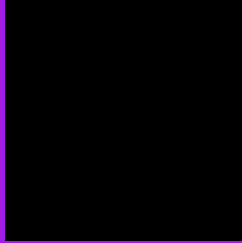
Any Text WCAG AA × Fail

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 A31CE6 Background



This preview shows how black text looks on a background with the Hex color A31CE6.

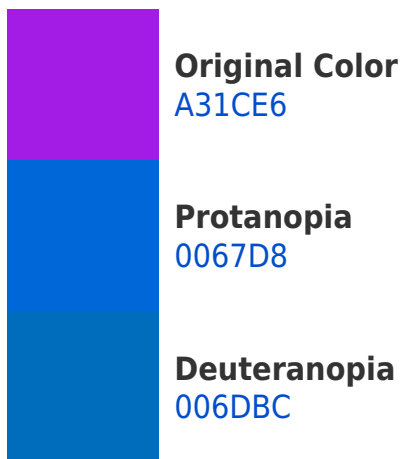



This preview shows how white text looks on a background with the Hex color A31CE6.

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
8D5D64

Trichromacy



Original Color
A31CE6



Protanomaly
3B4CDD



Deuteranomaly
3B50CB



Tritanomaly
954593

Monochromacy



Original Color
A31CE6



Achromatopsia
5B5B5B



Achromatomaly
75448E

CSS Examples

Text

The CSS property to change the color of the text to Hex A31CE6 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 #A31CE6 looks like.

```
.text, #text, p{  
    color:#A31CE6  
}
```

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 #A31CE6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A31CE6
}
```

Border

The CSS property to change the border of an element to Hex A31CE6 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".

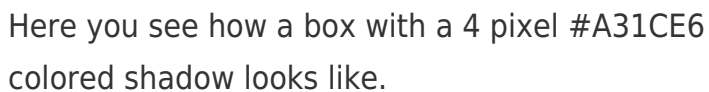
```
.border, #border, table{ border:4px solid
#A31CE6 }
```

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

```
.border{ border-color:#A31CE6 }
```

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

Here you see how a box with a 4 pixel #A31CE6 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A31CE6; -webkit-box-shadow:4px 4px  
4px 4px #A31CE6; box-shadow:4px 4px 4px  
4px #A31CE6 }
```

Background

The CSS property to change the background color of an element to Hex A31CE6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A31CE6 }
```

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

```
.background{ background-color:#A31CE6 }
```

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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