

Converting Colors

Hex(A31AF4)

Have a look what the booklet for
Hex(A31AF4) contains.

Hex(A31AF4)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(A31AF4)

Conversions

Conversions Part 1

Format	Color
Hex	A31AF4
RGB	163, 26, 244
RGB Percent	64%, 10%, 96%
CMY	0.3608, 0.8980, 0.0431
CMYK	0.33, 0.89, 0.00, 0.04
HSL	278°, 91%, 53%
HSV	278°, 89%, 96%
XYZ	31.8028, 15.0570, 86.8180
YIQ	91.8150, 11.6740, 96.8420

Conversions

Conversions Part 2

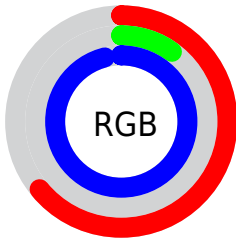
Format	Color
R_{YB}	163, 26, 244
Decimal	10689268
CIE _{Lab}	45.71, 81.12, -79.06
CIE _{LCh}	46, 113.272, 315.737
Yxy	15.0570, 0.2379, 0.1126
Android (android.graphics.Color)	4288879348 (0xFFA31AF4)
YUV	91.8150, 75.0272, 62.4292
Hunter-Lab	38.8033, 78.3909, -105.4924

Details

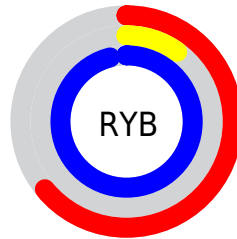
The Hex color **A31AF4** is a dark color, and the websafe version is hex **9933FF**. The color can be described as middle washed purple. A complement of this color would be **6BF41A**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **E060FF**, and **6600BA** is the 20% darker color. If you saturate the color by 10%, you get **9A02F4**, and if you desaturate by 10%, it is **AC32F4**.

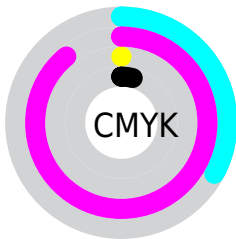
Distribution



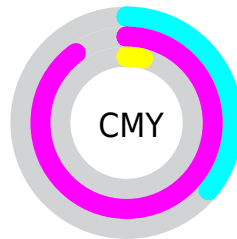
- Red (64%)
- Green (10%)
- Blue (96%)



- Red (64%)
- Yellow (10%)
- Blue (96%)



- Cyan (33%)
- Magenta (89%)
- Yellow (0%)
- Black (4%)



- Cyan (36%)
- Magenta (90%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color A31AF4 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 A31AF4 by changing the saturation by 10% instead.

 A31AF4

 A31AF4

FFFFFF

 8500D7

 E060FF

 6600BA

 FF7DFF

 46009E

 FF9AFF

 200083

 FFB8FF

 000069

 FFD5FF

 000050

 FFF3FF

 000538

 000221

 000007

 A31AF4

 A31AF4

 9A02F4

 AC32F4

 9900F4

 B54BF4

 BE63F4

 C77CF4

 D094F4

 D9ACF4

 E2C5F4

 ECDDF4

 F5F6F4

Harmonies

Analogous

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



006BFF



A31AF4



F5009E

Triad

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



A31AF4



A85700



008E9E

Complementary

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



A31AF4



6BF41A

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.



008B39



A31AF4



547800

Square

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



A31AF4



E50000



008500



008EF6

Rectangle

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



A31AF4



FF0060



008500



008D7D

Sweetspot

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



A31AF4



E5BAFF



1A6EF4



705780



000000



808080

Same Dimension

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



A31AF4



A000FF



F41ADB



766E7A



7500BA



25003B

Inverse Universe

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



F41A6B



FF005F



1AF433



7A6E73



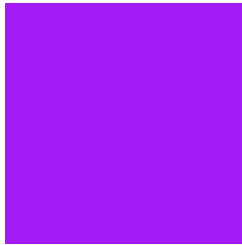
BA0045



3B0016

Previews

White Background



This preview shows how the Hex color A31AF4 looks on a white background.

Color Contrast Check

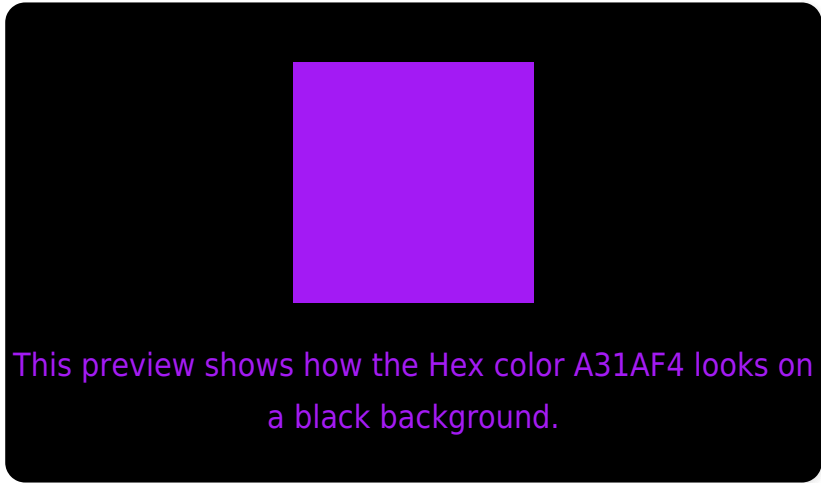
Large Text (above 18pt) WCAG AA ✓ Pass

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

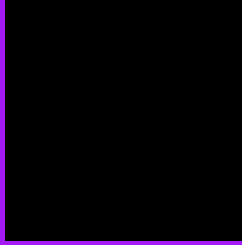
Any Text WCAG AA × Fail

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 A31AF4 Background



This preview shows how black text looks on a background with the Hex color A31AF4.




This preview shows how white text looks on a background with the Hex color A31AF4.

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
8A6169

Trichromacy



Original Color
A31AF4



Protanomaly
3B4CE5



Deuteranomaly
3B50D2



Tritanomaly
93479C

Monochromacy



Original Color
A31AF4



Achromatopsia
5C5C5C



Achromatomaly
764493

CSS Examples

Text

The CSS property to change the color of the text to Hex A31AF4 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 #A31AF4 looks like.

```
.text, #text, p{  
    color:#A31AF4  
}
```

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 #A31AF4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A31AF4
}
```

Border

The CSS property to change the border of an element to Hex A31AF4 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".

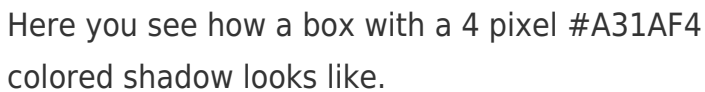
```
.border, #border, table{ border:4px solid
#A31AF4 }
```

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

```
.border{ border-color:#A31AF4 }
```

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

Here you see how a box with a 4 pixel #A31AF4 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 #A31AF4; -webkit-box-shadow:4px 4px  
4px 4px #A31AF4; box-shadow:4px 4px 4px  
4px #A31AF4 }
```

Background

The CSS property to change the background color of an element to Hex A31AF4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A31AF4 }
```

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

```
.background{ background-color:#A31AF4 }
```

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