

Converting Colors

Hex(A81E00)

Have a look what the booklet for
Hex(A81E00) contains.

Hex(A81E00)	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(A81E00)

Conversions

Conversions Part 1

Format	Color
Hex	A81E00
RGB	168, 30, 0
RGB Percent	66%, 12%, 0%
CMY	0.3412, 0.8824, 1.0000
CMYK	0.00, 0.82, 1.00, 0.34
HSL	11°, 100%, 33%
HSV	11°, 100%, 66%
XYZ	16.6127, 9.2534, 0.9105
YIQ	67.8420, 91.8780, 19.9260

Conversions

Conversions Part 2

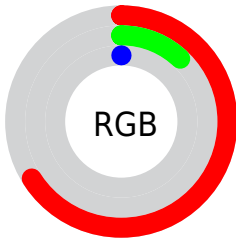
Format	Color
R_{YB}	168, 37, 0
Decimal	11017728
CIE Lab	36.47, 53.40, 49.85
CIE LCh	36, 73.056, 43.030
Yxy	9.2534, 0.6204, 0.3456
Android (android.graphics.Color)	4289207808 (0xFFA81E00)
YUV	67.8420, -33.4461, 87.8386
Hunter-Lab	30.4194, 44.2491, 19.5189

Details

The Hex color **A81E00** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **008AA8**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **E75932**, and **6A0000** is the 20% darker color. If you saturate the color by 10%, you get **A81E00**, and if you desaturate by 10%, it is **A82C11**.

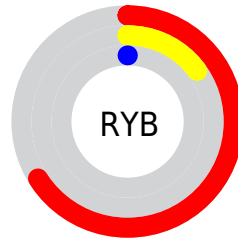
Distribution



Red (66%)

Green (12%)

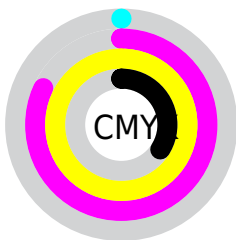
Blue (0%)



Red (66%)

Yellow (15%)

Blue (0%)

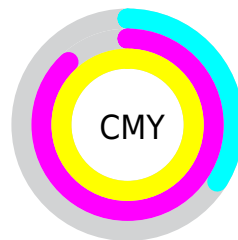


Cyan (0%)

Magenta (82%)

Yellow (100%)

Black (34%)



Cyan (34%)

Magenta (88%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color A81E00 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 A81E00 by changing the saturation by 10% instead.

 A81E00

 A81E00

 FFFFEB

 890000

 E75932

 6A0000

 FF744A

 4C0000

 FF9063

 310002

 FFAC7D

 000000

 FFC897

 FFE5B2

 FFFFCE

 A81E00

 A82C11

 A83A22

 A84732

 A85543

 A86354

 A87165

 A87F76

 A88C86

 A89A97

Harmonies

Analogous

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



B80040



A81E00



844600

Triad

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



A81E00



006B31



0056CB

Complementary

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



A81E00



008AA8

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.



0066C8



A81E00



006D6F

Square

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



A81E00



006600



006CA6



7435AD

Rectangle

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



A81E00



645600



006CA6



005DCE

Sweetspot

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



A81E00



DBA59A



A8008C



6E4D46



EDEDED



6E6E6E

Same Dimension

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



A81E00



DB2700



A87000



544D4C



941A00



140400

Inverse Universe

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



008AA8



00B4DB



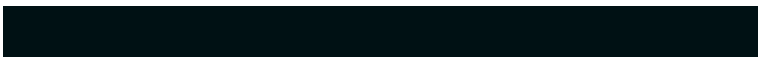
0038A8



4C5354



007994



001114

Previews

White Background



This preview shows how the Hex color A81E00 looks on a white background.

Color Contrast Check

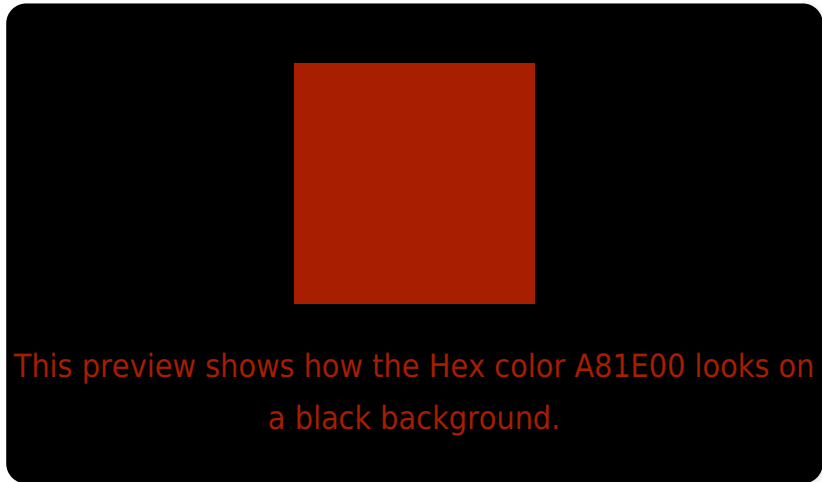
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 A81E00 Background



This preview shows how black text looks on a background with the Hex color A81E00.



This preview shows how white text looks on a background with the Hex color A81E00.

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
A81E00

Protanopia
625814

Deuteranopia
6E5300

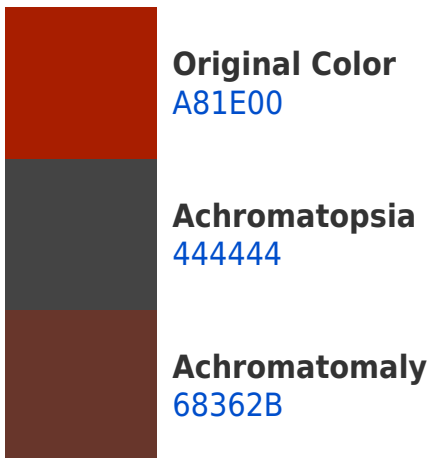


Tritanopia
A81C1B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A81E00 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 #A81E00 looks like.

```
.text, #text, p{  
    color:#A81E00  
}
```

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 #A81E00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A81E00  
}
```

Border

The CSS property to change the border of an element to Hex A81E00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

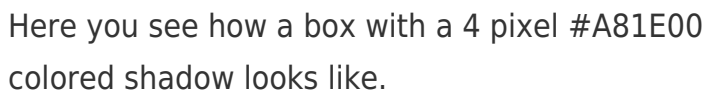
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#A81E00 }
```

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

```
.border{ border-color:#A81E00 }
```

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



Here you see how a box with a 4 pixel `#A81E00` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A81E00; -webkit-box-shadow:4px 4px  
4px 4px #A81E00; box-shadow:4px 4px 4px  
4px #A81E00 }
```

Background

The CSS property to change the background color of an element to Hex A81E00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A81E00 }
```

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

```
.background{ background-color:#A81E00 }
```

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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