

# Converting Colors

Hex(A81D0D)

Have a look what the booklet for  
Hex(A81D0D) contains.

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# Color

**Hex(A81D0D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A81D0D
RGB	168, 29, 13
RGB Percent	66%, 11%, 5%
CMY	0.3412, 0.8863, 0.9490
CMYK	0.00, 0.83, 0.92, 0.34
HSL	6°, 86%, 35%
HSV	6°, 92%, 66%
XYZ	16.6605, 9.2326, 1.2847
YIQ	68.7370, 87.9800, 24.4920

# Conversions

## Conversions Part 2

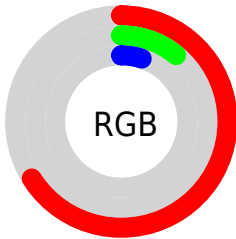
<b>Format</b>	<b>Color</b>
<b>RYB</b>	168, 31, 13
Decimal	11017485
CIELab	36.43, 53.84, 44.86
CIElCh	36, 70.081, 39.802
Yxy	9.2326, 0.6130, 0.3397
Android (android.graphics.Color)	4289207565 (0xFFA81D0D)
YUV	68.7370, -27.4783, 87.0537
Hunter-Lab	30.3852, 44.6988, 18.7628

# Details

The Hex color **A81D0D** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **0D98A8**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **E7583C**, and **6A0000** is the 20% darker color. If you saturate the color by 10%, you get **A81100**, and if you desaturate by 10%, it is **A82C1E**.

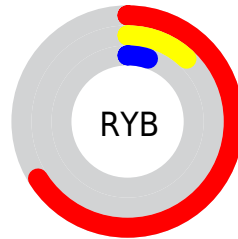
# Distribution



Red (66%)

Green (11%)

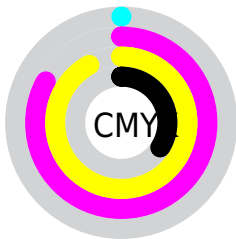
Blue (5%)



Red (66%)

Yellow (12%)

Blue (5%)

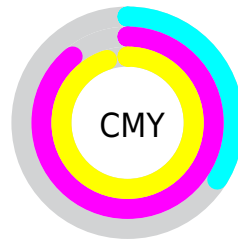


Cyan (0%)

Magenta (83%)

Yellow (92%)

Black (34%)



Cyan (34%)

Magenta (89%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A81D0D 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 A81D0D by changing the saturation by 10% instead.



 A81D0D

 A81D0D

 FFFFF5

 890000

 E7583C

 6A0000

 FF7454

 4C0000

 FF8F6D

 310002

 FFAB86

 000000


 FFC8A1

 FFE5BC

 FFFFD8

 A81D0D

 A81D0D

 A81100

 A82C1E

 A83B2F

 A84A3F

 A85950

 A86861

 A87772

 A88683

 A89693

 A8A5A4

# Harmonies

## Analogous

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



B40046



A81D0D



874400

# Triad

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



A81D0D



006A2B



0058C7

# Complementary

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



A81D0D



0D98A8

# 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.



0066C1



A81D0D



006C67

# Square

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



A81D0D



046500



006C9D



6A3BAE

# Rectangle

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



A81D0D



6A5400



006C9D



005EC8



# Sweetspot

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



A81D0D



DBA49E



A80D99



6E4C48



EDEDED



6E6E6E



# Same Dimension

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



A81D0D



DB1700



A86A0D



544D4C



940F00



140200



# Inverse Universe

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



0D98A8



00C5DB



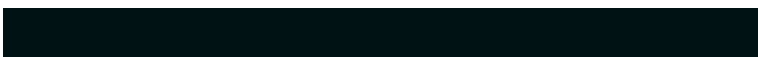
0D4BA8



4C5354



008594



001214



# Previews

## White Background



This preview shows how the Hex color A81D0D looks on a white background.

## Color Contrast Check

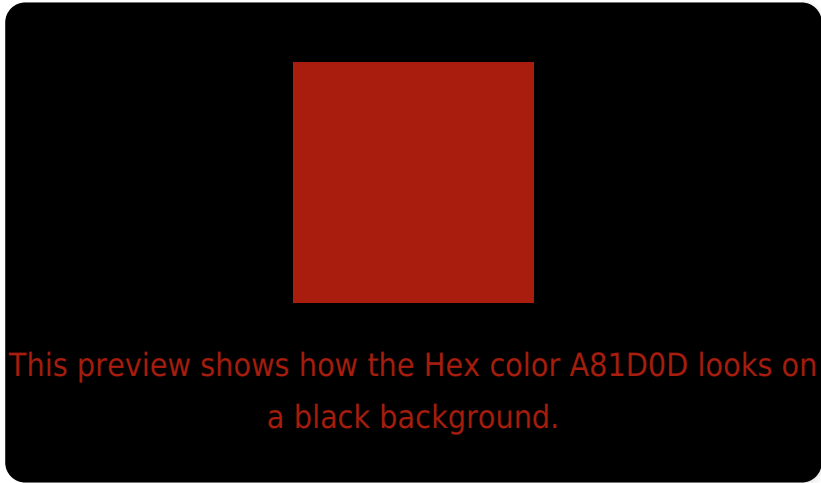
Large Text (above 18pt) WCAG AA ✓ Pass

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 A81D0D Background



This preview shows how black text looks on a background with the Hex color A81D0D.

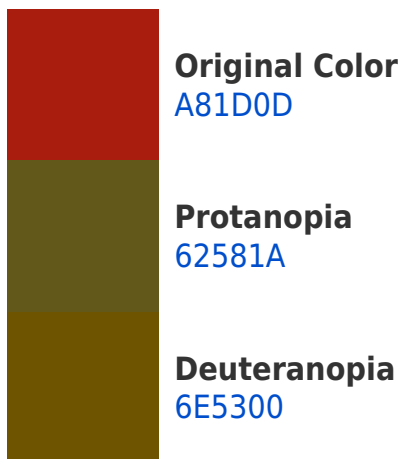


This preview shows how white text looks on a background with the Hex color A81D0D.

# 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](#).

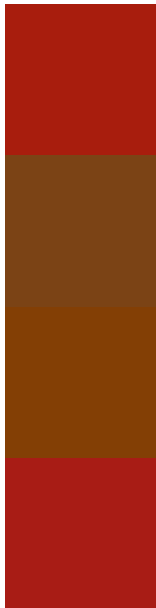
## Dichromacy





**Tritanopia**  
A81C1A

# Trichromacy



**Original Color**  
A81D0D

**Protanomaly**  
7B4315

**Deuteranomaly**  
833F05

**Tritanomaly**  
A81C15

# Monochromacy



**Original Color**  
A81D0D

**Achromatopsia**  
454545

**Achromatomaly**  
693631

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A81D0D 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 #A81D0D looks like.

```
.text, #text, p{  
    color:#A81D0D  
}
```

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 #A81D0D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A81D0D
}
```

## Border

The CSS property to change the border of an element to Hex A81D0D 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".

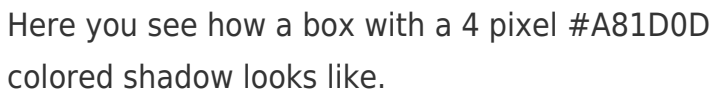
```
.border, #border, table{ border:4px solid
#A81D0D }
```

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

```
.border{ border-color:#A81D0D }
```

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

Here you see how a box with a 4 pixel #A81D0D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A81D0D; -webkit-box-shadow:4px 4px  
4px 4px #A81D0D; box-shadow:4px 4px 4px  
4px #A81D0D }
```

# Background

The CSS property to change the background color of an element to Hex A81D0D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A81D0D }
```

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

```
.background{ background-color:#A81D0D }
```

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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