

# Converting Colors

Hex(A12A00)

Have a look what the booklet for  
Hex(A12A00) contains.

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**Color**

**Hex(A12A00)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A12A00
RGB	161, 42, 0
RGB Percent	63%, 16%, 0%
CMY	0.3686, 0.8353, 1.0000
CMYK	0.00, 0.74, 1.00, 0.37
HSL	16°, 100%, 32%
HSV	16°, 100%, 63%
XYZ	15.5259, 9.2330, 0.9638
YIQ	72.7930, 84.4060, 12.1660

# Conversions

## Conversions Part 2

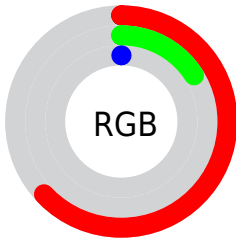
Format	Color
<a href="#">RYB</a>	161, 57, 0
Decimal	10562048
CIELab	36.43, 47.34, 49.02
CIElCh	36, 68.146, 46.003
Yxy	9.2330, 0.6036, 0.3589
Android (android.graphics.Color)	4288752128 (0xFFA12A00)
YUV	72.7930, -35.8869, 77.3575
Hunter-Lab	30.3858, 38.0309, 19.3894

# Details

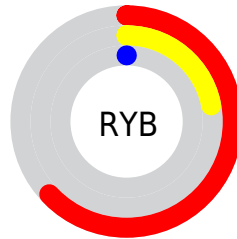
The Hex color **A12A00** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **0077A1**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **DF6033**, and **640000** is the 20% darker color. If you saturate the color by 10%, you get **A12A00**, and if you desaturate by 10%, it is **A13610**.

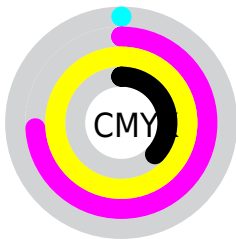
# Distribution



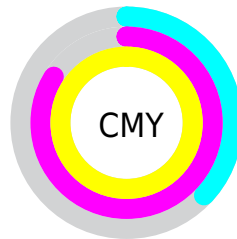
- Red (63%)
- Green (16%)
- Blue (0%)



- Red (63%)
- Yellow (22%)
- Blue (0%)



- Cyan (0%)
- Magenta (74%)
- Yellow (100%)
- Black (37%)



- Cyan (37%)
- Magenta (84%)
- Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A12A00 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 A12A00 by changing the saturation by 10% instead.



 A12A00

 A12A00

 FFFFEC

 830600

 DF6033

 640000

 FF7B4B

 470000

 FF9664

 2C0001

 FFB27E

 000000

 FFCE98

 FFEBB3

 FFFFCE

 A12A00

 A13610

 A14220

 A14E30

 A15A40

 A16651

 A17161

 A17D71

 A18981

 A19591

# Harmonies

## Analogous

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



B2003C



A12A00



7E4A00

# Triad

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



A12A00



006A39



0053C1

# Complementary

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



A12A00



0077A1

# 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.



0064C2



A12A00



006C73

# Square

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



A12A00



006600



006BA4



7A34A3

# Rectangle

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



A12A00



605700



006BA4



005AC5



# Sweetspot

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



A12A00



D1A392



A10079



694D43



E8E8E8



696969



# Same Dimension

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



A12A00



D13700



A17900



524C49



912600



120500



# Inverse Universe

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



0077A1



009BD1



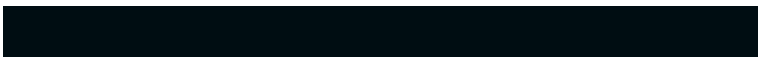
0028A1



494F52



006B91



000D12



# Previews

## White Background



This preview shows how the Hex color A12A00 looks on a white background.

## Color Contrast Check

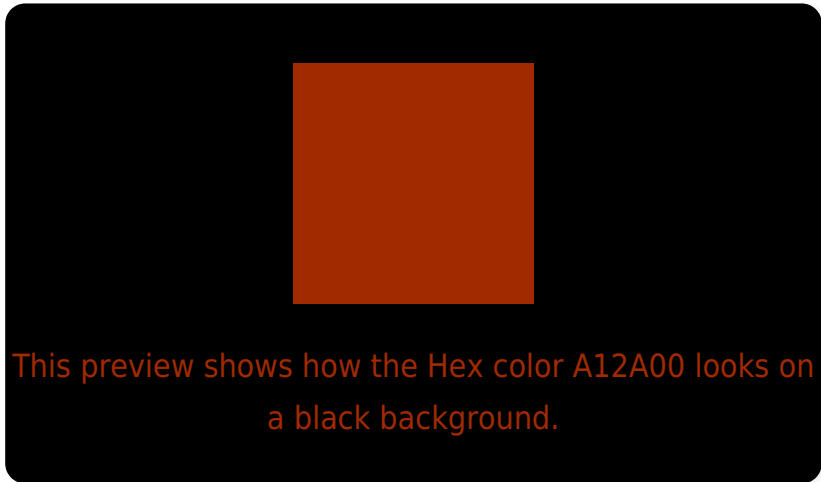
Large Text (above 18pt) WCAG AA ✓ Pass

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 A12A00 Background



This preview shows how black text looks on a background with the Hex color A12A00.



This preview shows how white text looks on a background with the Hex color A12A00.

# 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



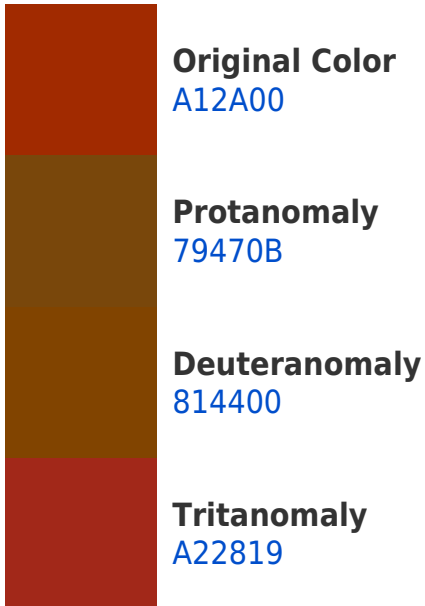
**Original Color**  
A12A00

**Protanopia**  
625712

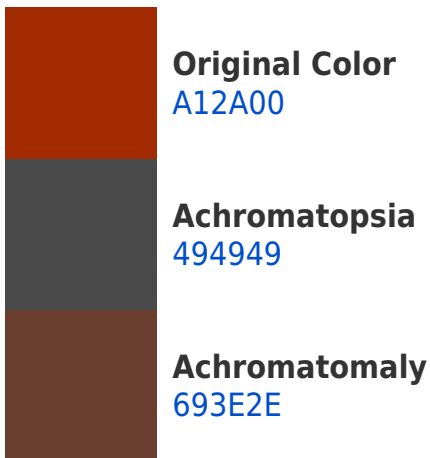
**Deuteranopia**  
6E5300



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A12A00 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 #A12A00 looks like.

```
.text, #text, p{  
    color:#A12A00  
}
```

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 #A12A00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A12A00  
}
```

## Border

The CSS property to change the border of an element to Hex A12A00 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  
#A12A00 }
```

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

```
.border{ border-color:#A12A00 }
```

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

Here you see how a box with a 4 pixel #A12A00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A12A00; -webkit-box-shadow:4px 4px  
4px 4px #A12A00; box-shadow:4px 4px 4px  
4px #A12A00 }
```

# Background

The CSS property to change the background color of an element to Hex A12A00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A12A00 }
```

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

```
.background{ background-color:#A12A00 }
```

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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