

# Converting Colors

Hex(A70000)

Have a look what the booklet for  
Hex(A70000) contains.

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**Color**

**Hex(A70000)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A70000
RGB	167, 0, 0
RGB Percent	65%, 0%, 0%
CMY	0.3451, 1.0000, 1.0000
CMYK	0.00, 1.00, 1.00, 0.35
HSL	0°, 100%, 33%
HSV	0°, 100%, 65%
XYZ	15.9363, 8.2155, 0.7458
YIQ	49.9330, 99.5320, 35.4040

# Conversions

## Conversions Part 2

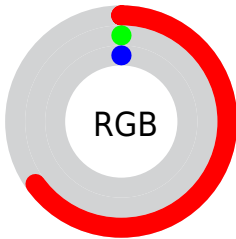
Format	Color
<a href="#">RYB</a>	<a href="#">167, 0, 0</a>
Decimal	<a href="#">10944512</a>
CIELab	<a href="#">34.43, 58.35, 48.69</a>
CIElCh	<a href="#">34, 75.996, 39.844</a>
Yxy	<a href="#">8.2155, 0.6401, 0.3300</a>
Android (android.graphics.Color)	<a href="#">4289134592 (0xFFA70000)</a>
YUV	<a href="#">49.9330, -24.6170, 102.6678</a>
Hunter-Lab	<a href="#">28.6627, 49.0857, 18.5211</a>

# Details

The Hex color **A70000** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **00A7A7**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **E74C30**, and **690000** is the 20% darker color. If you saturate the color by 10%, you get **A70000**, and if you desaturate by 10%, it is **A71111**.

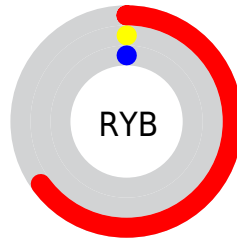
# Distribution



Red (65%)

Green (0%)

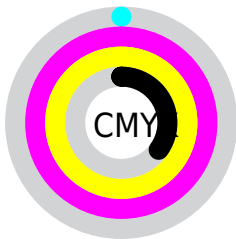
Blue (0%)



Red (65%)

Yellow (0%)

Blue (0%)

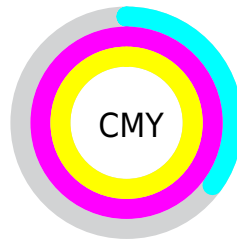


Cyan (0%)

Magenta (100%)

Yellow (100%)

Black (35%)



Cyan (35%)

Magenta (100%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A70000 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 A70000 by changing the saturation by 10% instead.



 A70000

 A70000

 FFFFE7

 880000

 E74C30

 690000

 FF6948

 4B0001

 FF8461

 2E0002

 FFA17A

 000000

 FFBD94

 FFDAAF

 FFF8CB

 A70000

 A71111

 A72121

 A73232

 A74343

 A75353

 A76464

 A77575

 A78686

 A79696

# Harmonies

## Analogous

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



B50040



A70000



843E00

# Triad

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



A70000



006623



0054CB

# Complementary

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



A70000



00A7A7

# 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.



0063C5



A70000



006864

# Square

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



A70000



006100



00689E



6533B0

# Rectangle

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



A70000



644F00



00689E



005ACD



# Sweetspot

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



A70000



D99898



A700A7



6E4646



EDEDED



6E6E6E



# Same Dimension

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



A70000



D90000



A75300



544C4C



940000



140000

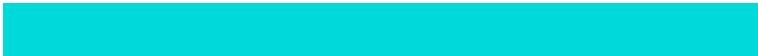


# Inverse Universe

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



00A7A7



00D9D9



0053A7



4C5454



009494



001414



# Previews

## White Background



This preview shows how the Hex color A70000 looks on a white background.

## Color Contrast Check

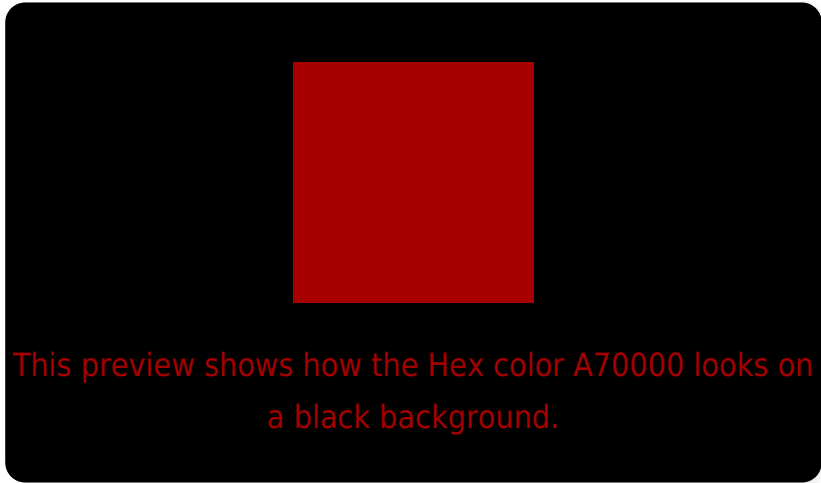
Large Text (above 18pt) WCAG AA ✓ Pass

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 A70000 Background



This preview shows how black text looks on a background with the Hex color A70000.



This preview shows how white text looks on a background with the Hex color A70000.

# 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**  
A70000

**Protanopia**  
5F5416

**Deuteranopia**  
6A5000



**Tritanopia**  
A60F00

# Trichromacy



**Original Color**  
A70000

**Protanomaly**  
79350E

**Deuteranomaly**  
803300

**Tritanomaly**  
A60A00

# Monochromacy



**Original Color**  
A70000

**Achromatopsia**  
323232

**Achromatomaly**  
5D2020

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A70000 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 #A70000 looks like.

```
.text, #text, p{  
    color:#A70000  
}
```

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 #A70000 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A70000
}
```

## Border

The CSS property to change the border of an element to Hex A70000 is called "border". The border property can be set on classes, ids or directly on the HTML element.

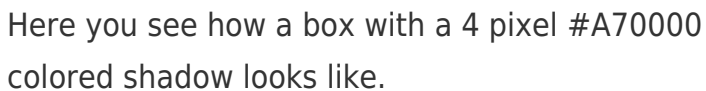
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A70000 }
```

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

```
.border{ border-color:#A70000 }
```

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



Here you see how a box with a 4 pixel #A70000 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A70000; -webkit-box-shadow:4px 4px  
4px 4px #A70000; box-shadow:4px 4px 4px  
4px #A70000 }
```

# Background

The CSS property to change the background color of an element to Hex A70000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A70000 }
```

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

```
.background{ background-color:#A70000 }
```

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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