

# Converting Colors

Hex(A70A2A)

Have a look what the booklet for  
Hex(A70A2A) contains.

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# Color

**Hex(A70A2A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A70A2A
RGB	167, 10, 42
RGB Percent	65%, 4%, 16%
CMY	0.3451, 0.9608, 0.8353
CMYK	0.00, 0.94, 0.75, 0.35
HSL	348°, 89%, 35%
HSV	348°, 94%, 65%
XYZ	16.4628, 8.5997, 2.9827
YIQ	60.5910, 83.3000, 43.2360

# Conversions

## Conversions Part 2

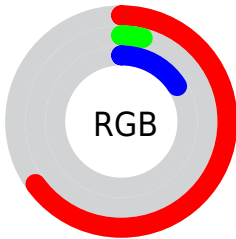
<b>Format</b>	<b>Color</b>
<b>RYB</b>	167, 10, 42
Decimal	10947114
CIELab	35.20, 58.02, 27.99
CIELCh	35, 64.414, 25.754
Yxy	8.5997, 0.5870, 0.3066
Android (android.graphics.Color)	4289137194 (0xFFA70A2A)
YUV	60.5910, -9.1654, 93.3207
Hunter-Lab	29.3253, 48.8880, 14.4973

# Details

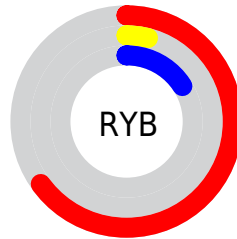
The Hex color **A70A2A** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **0AA787**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **E55057**, and **6B0000** is the 20% darker color. If you saturate the color by 10%, you get **A70022**, and if you desaturate by 10%, it is **A71B37**.

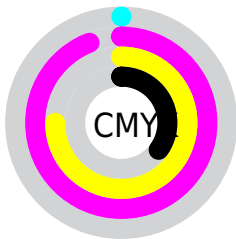
# Distribution



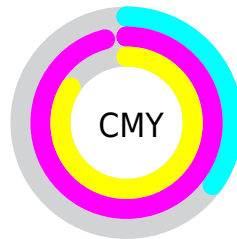
- Red (65%)
- Green (4%)
- Blue (16%)



- Red (65%)
- Yellow (4%)
- Blue (16%)



- Cyan (0%)
- Magenta (94%)
- Yellow (75%)
- Black (35%)



- Cyan (35%)
- Magenta (96%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A70A2A 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 A70A2A by changing the saturation by 10% instead.



 A70A2A

 A70A2A

FFFFFF

 880016

 E55057

 6B0000

 FF6C70

 4D0001

 FF8889

 300002

 FFA5A3

 000000

 FFC1BE

 FFDEDA

 FFFCF7

 A70A2A

 A70A2A

 A70022

 A71B37

 A72B45

 A73C52

 A74D5F

 A75D6C

 A76E7A

 A77F87

 A79094

 A7A0A2

# Harmonies

## Analogous

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



A6005C



A70A2A



913600

# Triad

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



A70A2A



00640F



005CBB

# Complementary

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



A70A2A



0AA787

# 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.



0065A8



A70A2A



00674A

# Square

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



A70A2A



3B5D00



00687E



3448B1

# Rectangle

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



A70A2A



7A4700



00687E



0060B8



# Sweetspot

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



A70A2A



D99CA8



850AA7



6E4850



EDEDED



6E6E6E



# Same Dimension

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



A70A2A



D9002C



A7360A



544C4D



94001E



140004



# Inverse Universe

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



A70A2A



D9002C



0A7BA7



544C4D



94001E



140004



# Previews

## White Background



This preview shows how the Hex color A70A2A looks on a white background.

## Color Contrast Check

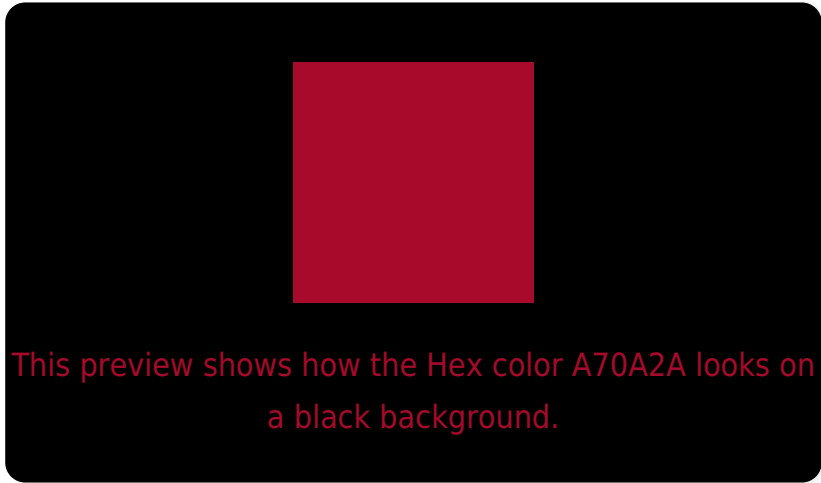
Large Text (above 18pt) WCAG AA ✓ Pass

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 A70A2A Background



This preview shows how black text looks on a background with the Hex color A70A2A.



This preview shows how white text looks on a background with the Hex color A70A2A.

# 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**  
A70A2A

**Protanopia**  
5B553F

**Deuteranopia**  
6A5121



**Tritanopia**  
A6130F

# Trichromacy



**Original Color**  
A70A2A

**Protanomaly**  
773A37

**Deuteranomaly**  
803724

**Tritanomaly**  
A61019

# Monochromacy



**Original Color**  
A70A2A

**Achromatopsia**  
3D3D3D

**Achromatomaly**  
642A36

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A70A2A 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 #A70A2A looks like.

```
.text, #text, p{  
    color:#A70A2A  
}
```

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 #A70A2A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A70A2A
}
```

## Border

The CSS property to change the border of an element to Hex A70A2A is called "border". The border property can be set on classes, ids or directly on the HTML element.

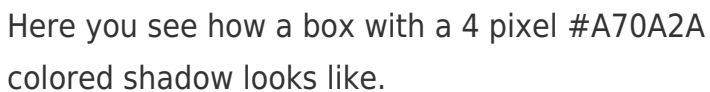
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A70A2A }
```

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

```
.border{ border-color:#A70A2A }
```

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



Here you see how a box with a 4 pixel #A70A2A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A70A2A; -webkit-box-shadow:4px 4px  
4px 4px #A70A2A; box-shadow:4px 4px 4px  
4px #A70A2A }
```

# Background

The CSS property to change the background color of an element to Hex A70A2A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A70A2A }
```

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

```
.background{ background-color:#A70A2A }
```

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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