

# Converting Colors

Hex(AD251D)

Have a look what the booklet for  
Hex(AD251D) contains.

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# Color

**Hex(AD251D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AD251D
RGB	173, 37, 29
RGB Percent	68%, 15%, 11%
CMY	0.3216, 0.8549, 0.8863
CMYK	0.00, 0.79, 0.83, 0.32
HSL	3°, 71%, 40%
HSV	3°, 83%, 68%
XYZ	18.1169, 10.2961, 2.1949
YIQ	76.7520, 83.6240, 26.3440

# Conversions

## Conversions Part 2

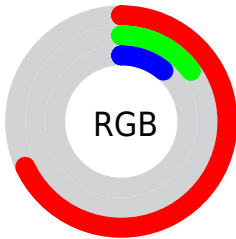
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	173, 37, 29
Decimal	11347229
CIE Lab	38.37, 53.40, 39.31
CIE LCh	38, 66.311, 36.355
Yxy	10.2961, 0.5919, 0.3364
Android (android.graphics.Color)	4289537309 (0xFFAD251D)
YUV	76.7520, -23.5417, 84.4095
Hunter-Lab	32.0875, 44.6297, 18.4057

# Details

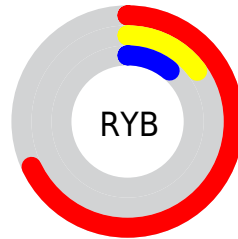
The Hex color **AD251D** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **1DA5AD**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **EC5E4B**, and **700000** is the 20% darker color. If you saturate the color by 10%, you get **AD150C**, and if you desaturate by 10%, it is **AD352E**.

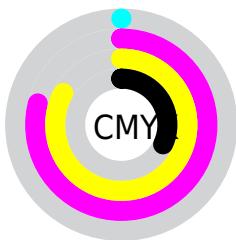
# Distribution



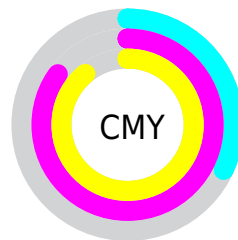
- Red (68%)
- Green (15%)
- Blue (11%)



- Red (68%)
- Yellow (15%)
- Blue (11%)



- Cyan (0%)
- Magenta (79%)
- Yellow (83%)
- Black (32%)



- Cyan (32%)
- Magenta (85%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AD251D 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 AD251D by changing the saturation by 10% instead.



 AD251D

 AD251D

FFFFFF

 8E0006

 EC5E4B

 700000

 FF7A63

 520000

 FF957C

 370002

 FFB296

 090000

 FFCEB1

 000000

 FFEBCD

 FFFF99

 AD251D

 AD251D

■ AD150C

■ AD352E

■ AD0A00

■ AD4640

■ AD5651

■ AD6662

■ AD7774

■ AD8785

■ AD9796

■ ADA8A7

■ ADB8B9

# Harmonies

## Analogous

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



B60051



AD251D



904700

# Triad

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



AD251D



006E2C



005EC7

# Complementary

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



AD251D



1DA5AD

# 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.



006BBE



AD251D



007165

# Square

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



AD251D



276800



007099



6545B2

# Rectangle

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



AD251D



755600



007099



0064C7



# Sweetspot

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



AD251D



E0ABA8



AD1DA6



70504F



F0F0F0



707070



# Same Dimension

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



AD251D



E00C00



AD6C1D



574F4E



960800



170100

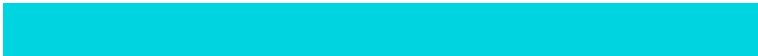


# Inverse Universe

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



1DA5AD



00D4E0



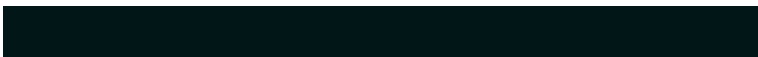
1D5EAD



4E5657



008E96



001617



# Previews

## White Background



This preview shows how the Hex color AD251D looks on a white background.

## Color Contrast Check

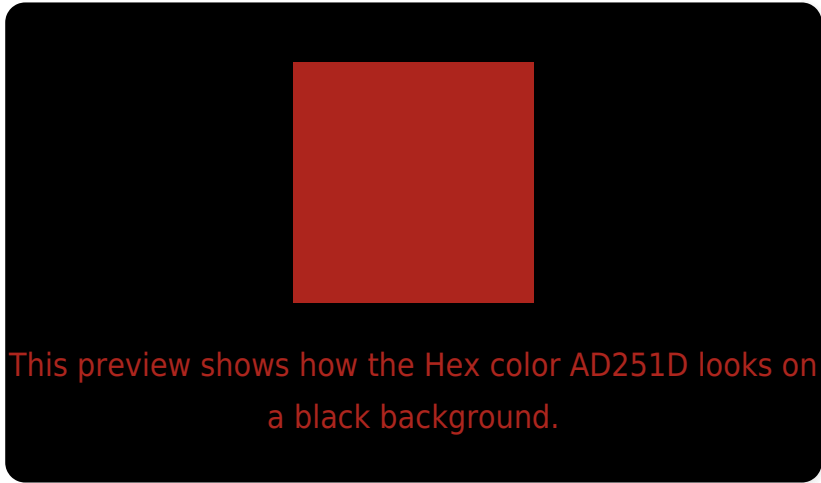
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 AD251D Background



This preview shows how black text looks on a background with the Hex color AD251D.



This preview shows how white text looks on a background with the Hex color AD251D.

# 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



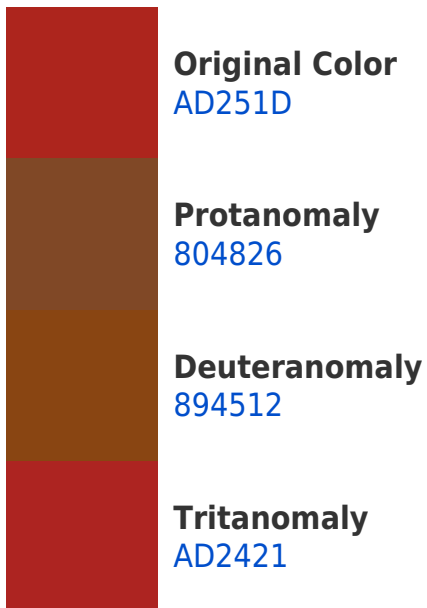
**Original Color**  
AD251D

**Protanopia**  
665C2B

**Deuteranopia**  
74570C



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AD251D 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 #AD251D looks like.

```
.text, #text, p{  
    color:#AD251D  
}
```

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 #AD251D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AD251D
}
```

## Border

The CSS property to change the border of an element to Hex AD251D is called "border". The border property can be set on classes, ids or directly on the HTML element.

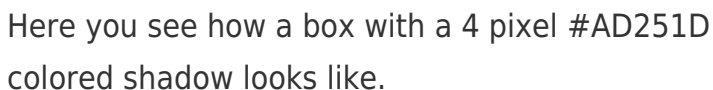
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AD251D }
```

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

```
.border{ border-color:#AD251D }
```

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



Here you see how a box with a 4 pixel #AD251D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AD251D; -webkit-box-shadow:4px 4px  
4px 4px #AD251D; box-shadow:4px 4px 4px  
4px #AD251D }
```

# Background

The CSS property to change the background color of an element to Hex AD251D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AD251D }
```

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

```
.background{ background-color:#AD251D }
```

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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