

# Converting Colors

Hex(AD2E03)

Have a look what the booklet for  
Hex(AD2E03) contains.

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**Color**

**Hex(AD2E03)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AD2E03
RGB	173, 46, 3
RGB Percent	68%, 18%, 1%
CMY	0.3216, 0.8196, 0.9882
CMYK	0.00, 0.73, 0.98, 0.32
HSL	15°, 97%, 35%
HSV	15°, 98%, 68%
XYZ	18.2270, 10.8448, 1.2187
YIQ	79.0710, 89.4950, 13.5510

# Conversions

## Conversions Part 2

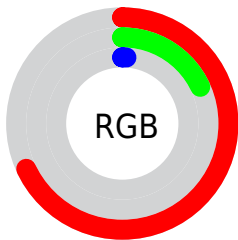
<b>Format</b>	<b>Color</b>
<b>RYB</b>	173, 61, 3
Decimal	11349507
CIELab	39.32, 49.89, 50.64
CIElCh	39, 71.089, 45.423
Yxy	10.8448, 0.6017, 0.3580
Android (android.graphics.Color)	4289539587 (0xFFAD2E03)
YUV	79.0710, -37.5030, 82.3757
Hunter-Lab	32.9314, 41.1668, 20.8578

# Details

The Hex color **AD2E03** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **0382AD**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **EC6537**, and **6F0000** is the 20% darker color. If you saturate the color by 10%, you get **AD2C00**, and if you desaturate by 10%, it is **AD3B14**.

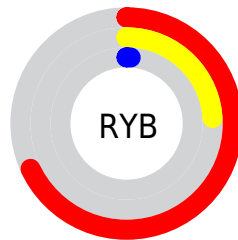
# Distribution



Red (68%)

Green (18%)

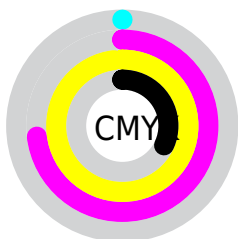
Blue (1%)



Red (68%)

Yellow (24%)

Blue (1%)

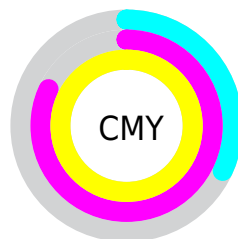


Cyan (0%)

Magenta (73%)

Yellow (98%)

Black (32%)



Cyan (32%)

Magenta (82%)

Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AD2E03 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 AD2E03 by changing the saturation by 10% instead.



 AD2E03

 AD2E03

 FFFFF1

 8E0B00

 EC6537

 6F0000

 FF804F

 510000

 FF9B68

 370002

 FFB782

 0A0000

 FFD49D

 000000

 FFF1B8

 FFFF4D

 AD2E03

 AD2E03

■ AD2C00

■ AD3B14

■ AD4826

■ AD5537

■ AD6248

■ AD6F5A

■ AD7C6B

■ AD887C

■ AD958D

■ ADA29F

# Harmonies

## Analogous

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



BE0042



AD2E03



895000

# Triad

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



AD2E03



00733D



005ACE

# Complementary

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



AD2E03



0382AD

# 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.



006CCE



AD2E03



00747A

# Square

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



AD2E03



006E00



0073AF



813AAF

# Rectangle

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



AD2E03



695E00



0073AF



0061D2



# Sweetspot

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



AD2E03



E0B09F



AD0383



705349



F0F0F0



707070



# Same Dimension

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



AD2E03



E03900



AD8303



57504E



962600



170600



# Inverse Universe

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



0382AD



00A8E0



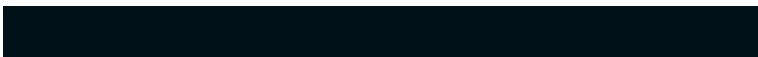
032DAD



4E5557



007096



001117



# Previews

## White Background



This preview shows how the Hex color AD2E03 looks on a white background.

## Color Contrast Check

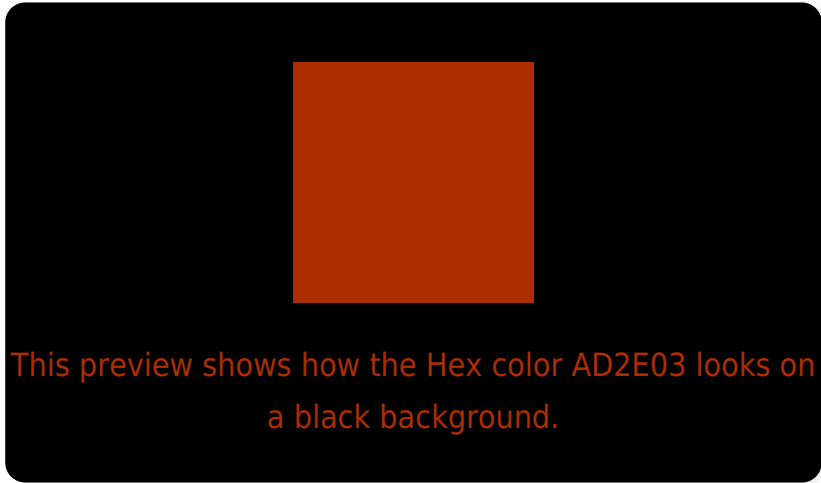
Large Text (above 18pt) WCAG AA ✓ Pass

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 AD2E03 Background



This preview shows how black text looks on a background with the Hex color AD2E03.



This preview shows how white text looks on a background with the Hex color AD2E03.

# 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



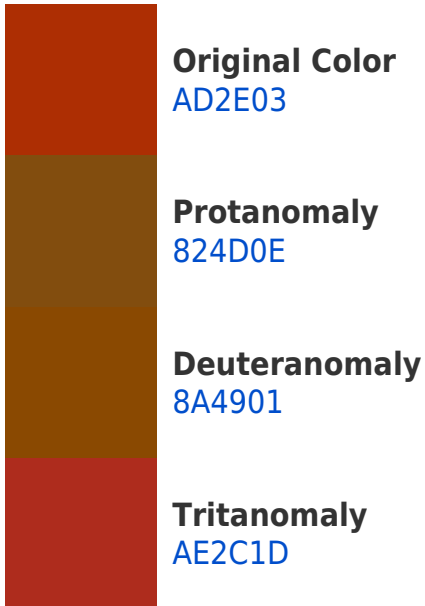
**Original Color**  
AD2E03

**Protanopia**  
6A5E14

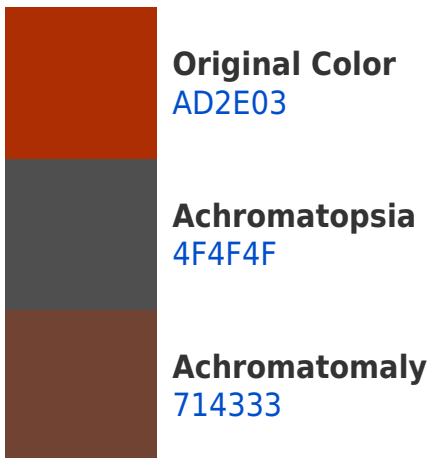
**Deuteranopia**  
765900



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AD2E03 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 #AD2E03 looks like.

```
.text, #text, p{  
    color:#AD2E03  
}
```

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 #AD2E03 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AD2E03
}
```

## Border

The CSS property to change the border of an element to Hex AD2E03 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
#AD2E03 }
```

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

```
.border{ border-color:#AD2E03 }
```

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

Here you see how a box with a 4 pixel #AD2E03 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AD2E03; -webkit-box-shadow:4px 4px  
4px 4px #AD2E03; box-shadow:4px 4px 4px  
4px #AD2E03 }
```

# Background

The CSS property to change the background color of an element to Hex AD2E03 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AD2E03 }
```

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

```
.background{ background-color:#AD2E03 }
```

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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