

# Converting Colors

Hex(AD0010)

Have a look what the booklet for  
Hex(AD0010) contains.

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# Color

**Hex(AD0010)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AD0010
RGB	173, 0, 16
RGB Percent	68%, 0%, 6%
CMY	0.3216, 1.0000, 0.9373
CMYK	0.00, 1.00, 0.91, 0.32
HSL	354°, 100%, 34%
HSV	354°, 100%, 68%
XYZ	17.3271, 8.9216, 1.2990
YIQ	53.5510, 97.9720, 41.6520

# Conversions

## Conversions Part 2

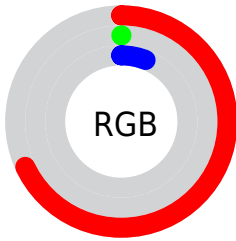
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	173, 0, 16
Decimal	11337744
CIE <sub>Lab</sub>	35.83, 60.09, 43.67
CIE <sub>LCh</sub>	36, 74.281, 36.006
Yxy	8.9216, 0.6290, 0.3239
Android (android.graphics.Color)	4289527824 (0xFFAD0010)
YUV	53.5510, -18.5126, 104.7568
Hunter-Lab	29.8691, 51.2770, 18.3298

# Details

The Hex color **AD0010** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **00AD9D**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **ED4E3D**, and **6F0000** is the 20% darker color. If you saturate the color by 10%, you get **AD0010**, and if you desaturate by 10%, it is **AD1120**.

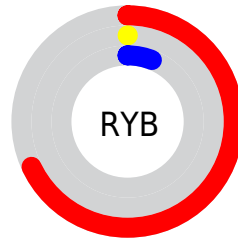
# Distribution



Red (68%)

Green (0%)

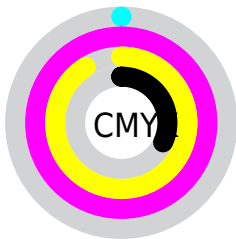
Blue (6%)



Red (68%)

Yellow (0%)

Blue (6%)

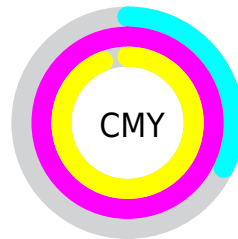


Cyan (0%)

Magenta (100%)

Yellow (91%)

Black (32%)



Cyan (32%)

Magenta (100%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AD0010 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 AD0010 by changing the saturation by 10% instead.



 AD0010

 AD0010

 FFFFF6

 8E0000

 ED4E3D

 6F0000

 FF6A55

 500001

 FF876E

 340002

 FFA388

 000000

 FFC0A2

 FFDDBD

 FFFBD9

 AD0010

 AD1120

 AD232F

 AD343F

 AD454F

 AD575F

 AD686E

 AD797E

 AD8A8E

 AD9C9D

# Harmonies

## Analogous

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



B7004B



AD0010



8D3D00

# Triad

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



AD0010



00691E



0059CD

# Complementary

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



AD0010



00AD9D

# 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.



0067C3



AD0010



006B5F

# Square

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



AD0010



106300



006C9A



5B3CB6

# Rectangle

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



AD0010



6E5000



006C9A



005FCE



# Sweetspot

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



AD0010



E09DA3



9C00AD



70484C



F0F0F0



707070



# Same Dimension

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



AD0010



E00015



AD4500



574E4F



96000E



170002



# Inverse Universe

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



AD0010



E00015



0068AD



574E4F



96000E



170002



# Previews

## White Background



This preview shows how the Hex color AD0010 looks on a white background.

## Color Contrast Check

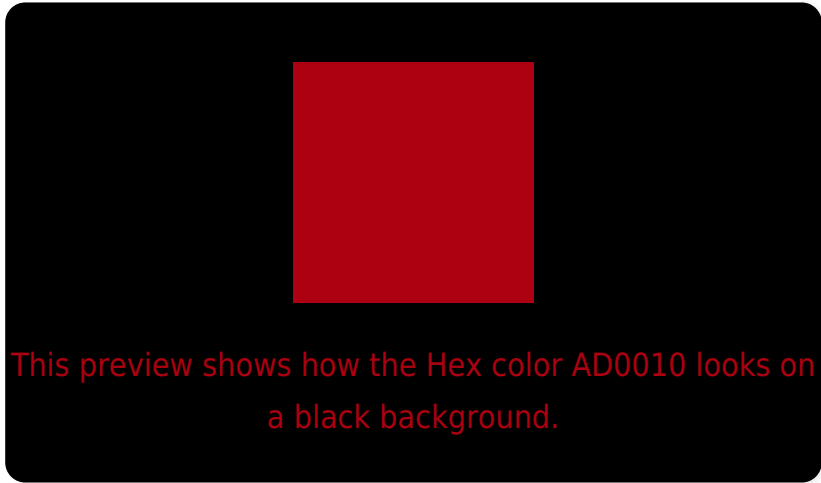
Large Text (above 18pt) WCAG AA ✓ Pass

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 AD0010 Background



This preview shows how black text looks on a background with the Hex color AD0010.



This preview shows how white text looks on a background with the Hex color AD0010.

# 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**  
AD0010

**Protanopia**  
62571F

**Deuteranopia**  
6E5300



# Trichromacy



**Original Color**  
AD0010

**Protanomaly**  
7D371A

**Deuteranomaly**  
853506

**Tritanomaly**  
AC0A06

# Monochromacy



**Original Color**  
AD0010

**Achromatopsia**  
363636

**Achromatomaly**  
612228

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AD0010 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 #AD0010 looks like.

```
.text, #text, p{  
    color:#AD0010  
}
```

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 #AD0010 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AD0010
}
```

## Border

The CSS property to change the border of an element to Hex AD0010 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
#AD0010 }
```

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

```
.border{ border-color:#AD0010 }
```

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

Here you see how a box with a 4 pixel #AD0010 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AD0010; -webkit-box-shadow:4px 4px  
4px 4px #AD0010; box-shadow:4px 4px 4px  
4px #AD0010 }
```

# Background

The CSS property to change the background color of an element to Hex AD0010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AD0010 }
```

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

```
.background{ background-color:#AD0010 }
```

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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