

# Converting Colors

Hex(AD1740)

Have a look what the booklet for  
Hex(AD1740) contains.

<b>Hex(AD1740)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(AD1740)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AD1740
RGB	173, 23, 64
RGB Percent	68%, 9%, 25%
CMY	0.3216, 0.9098, 0.7490
CMYK	0.00, 0.87, 0.63, 0.32
HSL	344°, 77%, 38%
HSV	344°, 87%, 68%
XYZ	18.4654, 9.8672, 5.7818
YIQ	72.5240, 76.2390, 44.5510

# Conversions

## Conversions Part 2

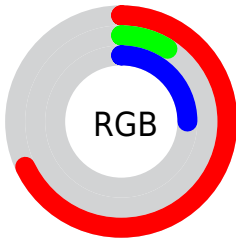
Format	Color
<a href="#">RYB</a>	<a href="#">173, 23, 64</a>
Decimal	<a href="#">11343680</a>
CIELab	<a href="#">37.60, 58.54, 17.25</a>
CIElCh	<a href="#">38, 61.025, 16.415</a>
Yxy	<a href="#">9.8672, 0.5413, 0.2892</a>
Android (android.graphics.Color)	<a href="#">4289533760</a> (0xFFAD1740)
YUV	<a href="#">72.5240, -4.2023, 88.1175</a>
Hunter-Lab	<a href="#">31.4121, 49.9589, 11.0754</a>

# Details

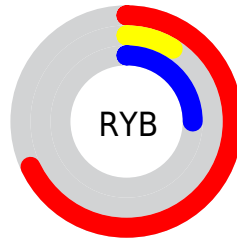
The Hex color **AD1740** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **17AD84**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **EA576F**, and **710016** is the 20% darker color. If you saturate the color by 10%, you get **AD0633**, and if you desaturate by 10%, it is **AD284D**.

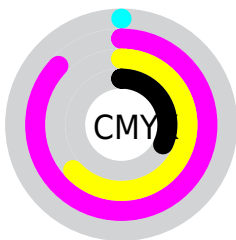
# Distribution



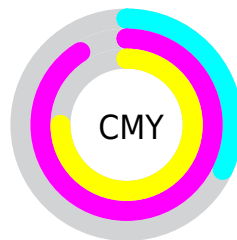
- Red (68%)
- Green (9%)
- Blue (25%)



- Red (68%)
- Yellow (9%)
- Blue (25%)



- Cyan (0%)
- Magenta (87%)
- Yellow (63%)
- Black (32%)



- Cyan (32%)
- Magenta (91%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AD1740 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 AD1740 by changing the saturation by 10% instead.




 AD1740

 AD1740

FFFFFF

 8F002A

 EA576F

 710016

 FF7389

 540000

 FF8FA3

 380002

 FFACBE

 0D0000

 FFC8DA

 000000

 FFE6F6

 AD1740

 AD1740

 AD0633

 AD284D

 AD002F

 AD3A59

 AD4B66

 AD5C72

 AD6E7F

 AD7F8B

 AD9098

 ADA1A5

 ADB3B1

# Harmonies

## Analogous

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



A41C71



AD1740



9E350F

# Triad

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



AD1740



016803



0065B9

# Complementary

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



AD1740



17AD84

# 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.



006CA0



AD1740



006C40

# Square

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



AD1740



535F00



006E73



0055B8

# Rectangle

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



AD1740



8A4700



006E73



0068B3



# Sweetspot

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



AD1740



E0A6B6



8317AD



704D57



F0F0F0



707070



# Same Dimension

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



AD1740



E0003D



AD3817



574E50



960029



170006



# Inverse Universe

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



AD1740



E0003D



178DAD



574E50



960029



170006



# Previews

## White Background



This preview shows how the Hex color AD1740 looks on a white background.

## Color Contrast Check

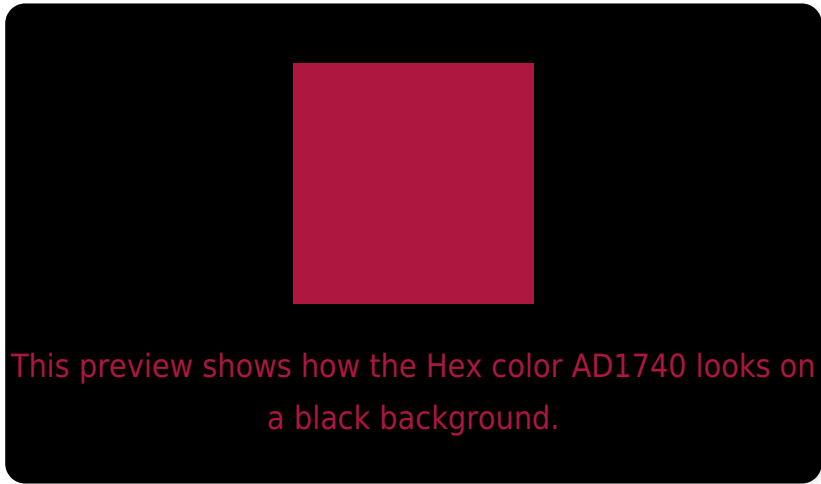
Large Text (above 18pt) WCAG AA ✓ Pass

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 AD1740 Background



This preview shows how black text looks on a background with the Hex color AD1740.



This preview shows how white text looks on a background with the Hex color AD1740.

# 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



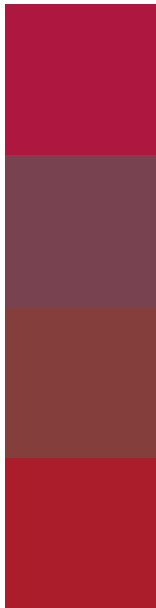
**Original Color**  
AD1740

**Protanopia**  
5B5A5B

**Deuteranopia**  
6D5639



# Trichromacy



**Original Color**  
AD1740

**Protanomaly**  
794251

**Deuteranomaly**  
843F3C

**Tritanomaly**  
AC1D2C

# Monochromacy



**Original Color**  
AD1740

**Achromatopsia**  
494949

**Achromatomaly**  
6D3746

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AD1740 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 #AD1740 looks like.

```
.text, #text, p{  
    color:#AD1740  
}
```

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 #AD1740 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AD1740
}
```

## Border

The CSS property to change the border of an element to Hex AD1740 is called "border". The border property can be set on classes, ids or directly on the HTML element.

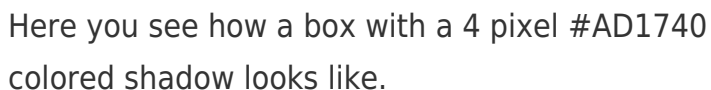
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AD1740 }
```

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

```
.border{ border-color:#AD1740 }
```

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



Here you see how a box with a 4 pixel #AD1740 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AD1740; -webkit-box-shadow:4px 4px  
4px 4px #AD1740; box-shadow:4px 4px 4px  
4px #AD1740 }
```

# Background

The CSS property to change the background color of an element to Hex AD1740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AD1740 }
```

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

```
.background{ background-color:#AD1740 }
```

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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