

# Converting Colors

Hex(AC2C4C)

Have a look what the booklet for  
Hex(AC2C4C) contains.

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# Color

**Hex(AC2C4C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AC2C4C
RGB	172, 44, 76
RGB Percent	67%, 17%, 30%
CMY	0.3255, 0.8275, 0.7020
CMYK	0.00, 0.74, 0.56, 0.33
HSL	345°, 59%, 42%
HSV	345°, 74%, 67%
XYZ	19.2184, 11.0938, 7.9659
YIQ	85.9200, 66.0160, 37.0880

# Conversions

## Conversions Part 2

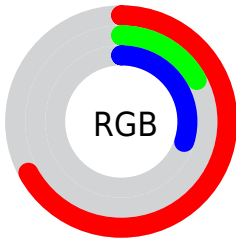
Format	Color
<a href="#">RYB</a>	<a href="#">172, 44, 76</a>
Decimal	<a href="#">11283532</a>
CIELab	<a href="#">39.74, 53.22, 12.45</a>
CIElCh	<a href="#">40, 54.657, 13.169</a>
Yxy	<a href="#">11.0938, 0.5021, 0.2898</a>
Android (android.graphics.Color)	<a href="#">4289473612 (0xFFAC2C4C)</a>
YUV	<a href="#">85.9200, -4.8906, 75.4922</a>
Hunter-Lab	<a href="#">33.3074, 44.7070, 9.1352</a>

# Details

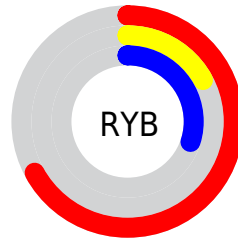
The Hex color **AC2C4C** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **2CAC8C**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **E8647D**, and **710021** is the 20% darker color. If you saturate the color by 10%, you get **AC1B3F**, and if you desaturate by 10%, it is **AC3D59**.

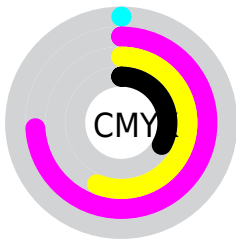
# Distribution



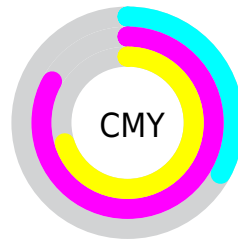
- Red (67%)
- Green (17%)
- Blue (30%)



- Red (67%)
- Yellow (17%)
- Blue (30%)



- Cyan (0%)
- Magenta (74%)
- Yellow (56%)
- Black (33%)



- Cyan (33%)
- Magenta (83%)
- Yellow (70%)
- Black (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AC2C4C 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 AC2C4C by changing the saturation by 10% instead.



 AC2C4C

 AC2C4C

FFFFFF

 8F0336

 E8647D

 710021

 FF8096

 550009

 FF9BB1

 3B0002

 FFB8CC

 140000

 FFD4E8

 000000

 FFF2FF

 AC2C4C

 AC2C4C

 AC1B3F

 AC3D59

 AC0A32

 AC4E66

 AC002B

 AC6073

 AC7180

 AC828C

 AC9399

 ACA4A6

 ACB6B3

 ACC7C0

# Harmonies

## Analogous

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



A03279



AC2C4C



A13D22

# Triad

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



AC2C4C



2A6B13



006AB3

# Complementary

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



AC2C4C



2CAC8C

# 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.



00709A



AC2C4C



007042

# Square

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



AC2C4C



5F6200



007271



045CB5

# Rectangle

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



AC2C4C



904C02



007271



006DAD



# Sweetspot

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



AC2C4C



E0AFBB



8C2CAC



70535A



F0F0F0



707070



# Same Dimension

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



AC2C4C



E0194B



AC4C2C



574E50



960026



170006



# Inverse Universe

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



AC2C4C



E0194B



2C8CAC



574E50



960026



170006



# Previews

## White Background



This preview shows how the Hex color AC2C4C looks on a white background.

## Color Contrast Check

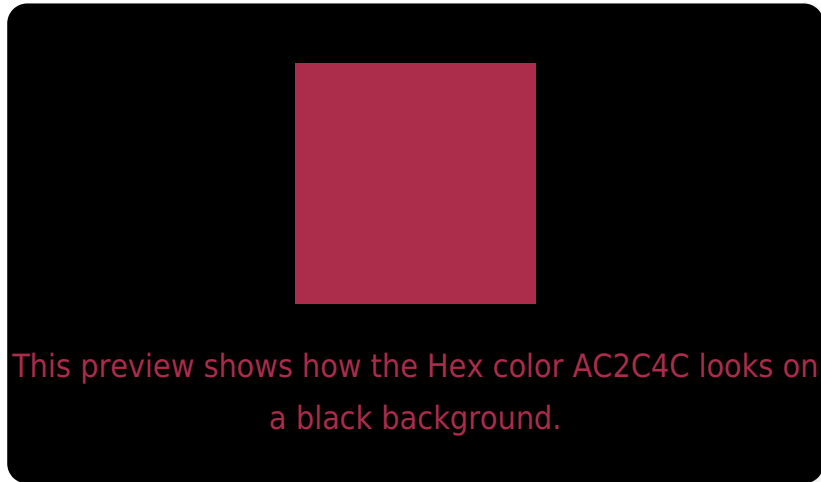
Large Text (above 18pt) WCAG AA ✓ Pass

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 AC2C4C Background



This preview shows how black text looks on a background with the Hex color AC2C4C.



This preview shows how white text looks on a background with the Hex color AC2C4C.

# 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**  
AC2C4C

**Protanopia**  
5F5E65

**Deuteranopia**  
705B46



# Trichromacy



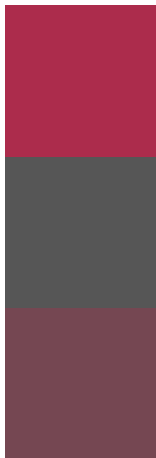
**Original Color**  
AC2C4C

**Protanomaly**  
7B4C5C

**Deuteranomaly**  
864A48

**Tritanomaly**  
AB2F3D

# Monochromacy



**Original Color**  
AC2C4C

**Achromatopsia**  
565656

**Achromatomaly**  
754752

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AC2C4C 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 #AC2C4C looks like.

```
.text, #text, p{  
    color:#AC2C4C  
}
```

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 #AC2C4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC2C4C
}
```

## Border

The CSS property to change the border of an element to Hex AC2C4C is called "border". The border property can be set on classes, ids or directly on the HTML element.

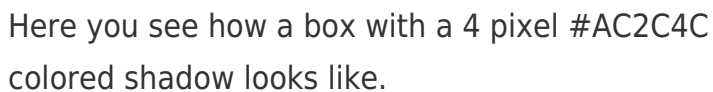
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AC2C4C }
```

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

```
.border{ border-color:#AC2C4C }
```

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



Here you see how a box with a 4 pixel #AC2C4C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC2C4C; -webkit-box-shadow:4px 4px  
4px 4px #AC2C4C; box-shadow:4px 4px 4px  
4px #AC2C4C }
```

# Background

The CSS property to change the background color of an element to Hex AC2C4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC2C4C }
```

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

```
.background{ background-color:#AC2C4C }
```

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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