

# Converting Colors

Hex(AC262C)

Have a look what the booklet for  
Hex(AC262C) contains.

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# Color

Hex(AC262C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AC262C
RGB	172, 38, 44
RGB Percent	67%, 15%, 17%
CMY	0.3255, 0.8510, 0.8275
CMYK	0.00, 0.78, 0.74, 0.33
HSL	357°, 64%, 41%
HSV	357°, 78%, 67%
XYZ	18.1610, 10.3387, 3.4213
YIQ	78.7500, 77.9380, 30.2740

# Conversions

## Conversions Part 2

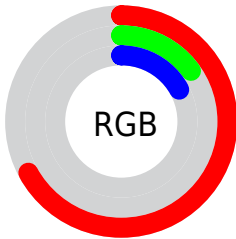
<b>Format</b>	<b>Color</b>
<b>RYB</b>	172, 38, 44
Decimal	11281964
CIELab	38.44, 53.31, 30.76
CIElCh	38, 61.550, 29.981
Yxy	10.3387, 0.5689, 0.3239
Android (android.graphics.Color)	4289472044 (0xFFAC262C)
YUV	78.7500, -17.1318, 81.7802
Hunter-Lab	32.1539, 44.5501, 16.1991

# Details

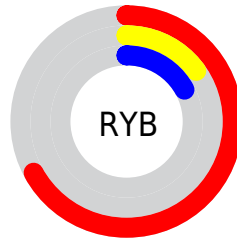
The Hex color **AC262C** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **26ACA6**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **EA5F5A**, and **700000** is the 20% darker color. If you saturate the color by 10%, you get **AC151C**, and if you desaturate by 10%, it is **AC373C**.

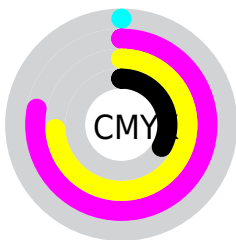
# Distribution



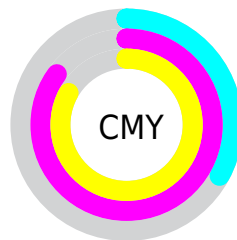
- Red (67%)
- Green (15%)
- Blue (17%)



- Red (67%)
- Yellow (15%)
- Blue (17%)



- Cyan (0%)
- Magenta (78%)
- Yellow (74%)
- Black (33%)



- Cyan (33%)
- Magenta (85%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AC262C 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 AC262C by changing the saturation by 10% instead.



 AC262C

 AC262C

FFFFFF

 8E0017

 EA5F5A

 700000

 FF7B73

 520000

 FF968C

 370002

 FFB2A7

 090000

 FFCFC2

 000000

 FFECDE

 FFFFFA

 AC262C

 AC262C

 AC151C

 AC373C

 AC040B

 AC484D

 AC0008

 AC5A5D

 AC6B6E

 AC7C7E

 AC8D8F

 AC9E9F

 ACB0AF

 ACC1C0

# Harmonies

## Analogous

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



AE145D



AC262C



944300

# Triad

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



AC262C



006C24



0061C0

# Complementary

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



AC262C



26ACA6

# 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.



006CB1



AC262C



006F59

# Square

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



AC262C



3C6600



00708B



534DB2

# Rectangle

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



AC262C



7C5200



00708B



0066BE



# Sweetspot

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



AC262C



E0ADAF



A526AC



705152



F0F0F0



707070



# Same Dimension

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



AC262C



E01019



AC6226



574E4E



960007



170001



# Inverse Universe

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



AC262C



E01019



2670AC



574E4E



960007



170001



# Previews

## White Background



This preview shows how the Hex color AC262C looks on a white background.

## Color Contrast Check

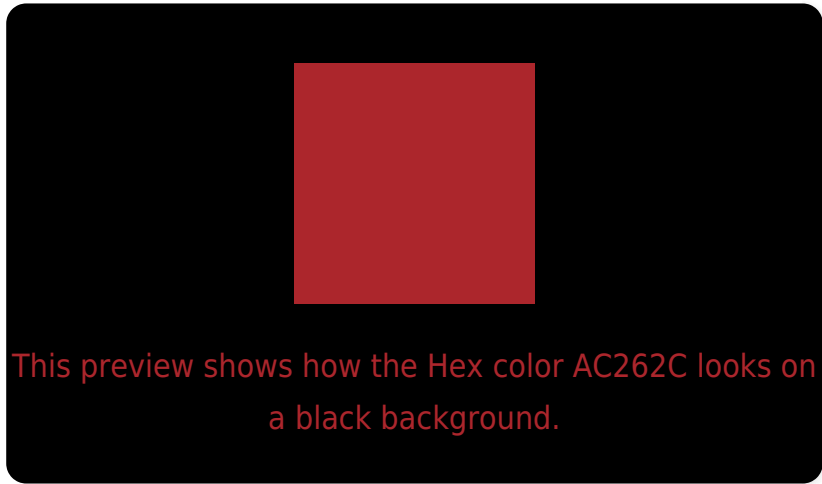
Large Text (above 18pt) WCAG AA ✓ Pass

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 AC262C Background



This preview shows how black text looks on a background with the Hex color AC262C.



This preview shows how white text looks on a background with the Hex color AC262C.

# 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





# Trichromacy



**Original Color**  
AC262C

**Protanomaly**  
7E4837

**Deuteranomaly**  
874526

**Tritanomaly**  
AC2729

# Monochromacy



**Original Color**  
AC262C

**Achromatopsia**  
4F4F4F

**Achromatomaly**  
714042

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AC262C 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 #AC262C looks like.

```
.text, #text, p{  
    color:#AC262C  
}
```

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 #AC262C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC262C
}
```

## Border

The CSS property to change the border of an element to Hex AC262C is called "border". The border property can be set on classes, ids or directly on the HTML element.

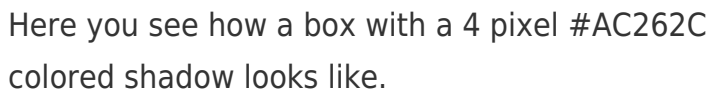
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AC262C }
```

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

```
.border{ border-color:#AC262C }
```

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



Here you see how a box with a 4 pixel #AC262C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC262C; -webkit-box-shadow:4px 4px  
4px 4px #AC262C; box-shadow:4px 4px 4px  
4px #AC262C }
```

# Background

The CSS property to change the background color of an element to Hex AC262C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC262C }
```

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

```
.background{ background-color:#AC262C }
```

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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