

Converting Colors

Hex(AC202A)

Have a look what the booklet for
Hex(AC202A) contains.

Hex(AC202A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(AC202A)

Conversions

Conversions Part 1

Format	Color
Hex	AC202A
RGB	172, 32, 42
RGB Percent	67%, 13%, 16%
CMY	0.3255, 0.8745, 0.8353
CMYK	0.00, 0.81, 0.76, 0.33
HSL	356°, 69%, 40%
HSV	356°, 81%, 67%
XYZ	17.9477, 9.9708, 3.1691
YIQ	75.0000, 80.2300, 32.7900

Conversions

Conversions Part 2

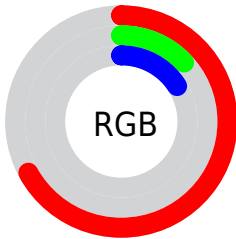
Format	Color
RYB	172, 32, 42
Decimal	11280426
CIELab	37.79, 55.00, 31.22
CIElCh	38, 63.243, 29.581
Yxy	9.9708, 0.5773, 0.3207
Android (android.graphics.Color)	4289470506 (0xFFAC202A)
YUV	75.0000, -16.2690, 85.0690
Hunter-Lab	31.5766, 46.1976, 16.1532

Details

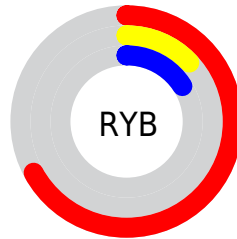
The Hex color **AC202A** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **20ACA2**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **EA5B58**, and **700000** is the 20% darker color. If you saturate the color by 10%, you get **AC0F1A**, and if you desaturate by 10%, it is **AC313A**.

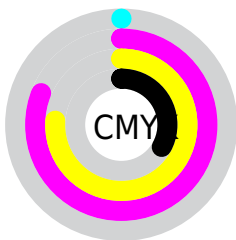
Distribution



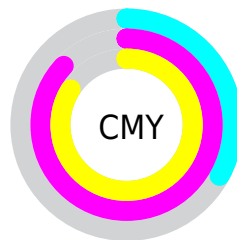
- Red (67%)
- Green (13%)
- Blue (16%)



- Red (67%)
- Yellow (13%)
- Blue (16%)



- Cyan (0%)
- Magenta (81%)
- Yellow (76%)
- Black (33%)



- Cyan (33%)
- Magenta (87%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color AC202A 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 AC202A by changing the saturation by 10% instead.

 AC202A

 AC202A

FFFFFF

 8D0015

 EA5B58

 700000

 FF7770

 510000

 FF938A

 360002

 FFAFA4

 060000

 FFCBBF

 000000

 FFE9DB

 FFFFF8

 AC202A

 AC202A

■ ACOF1A

■ AC313A

■ AC000C

■ AC424A

■ AC545A

■ AC656A

■ AC767A

■ AC878A

■ AC989A

■ ACAAAA

■ ACBBBA

Harmonies

Analogous

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



AE085C



AC202A



944000

Triad

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



AC202A



006B20



0060C1

Complementary

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



AC202A



20ACA2

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.



006BB2



AC202A



006E57

Square

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



AC202A



3A6400



006E8A



4E4BB3

Rectangle

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



AC202A



7C5000



006E8A



0065BF

Sweetspot

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



AC202A



E0ABAE



A020AC



705052



F0F0F0



707070

Same Dimension

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



AC202A



E00414



AC5A20



574E4F



96000B



170002

Inverse Universe

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



AC202A



E00414



2072AC



574E4F



96000B



170002

Previews

White Background



This preview shows how the Hex color AC202A looks on a white background.

Color Contrast Check

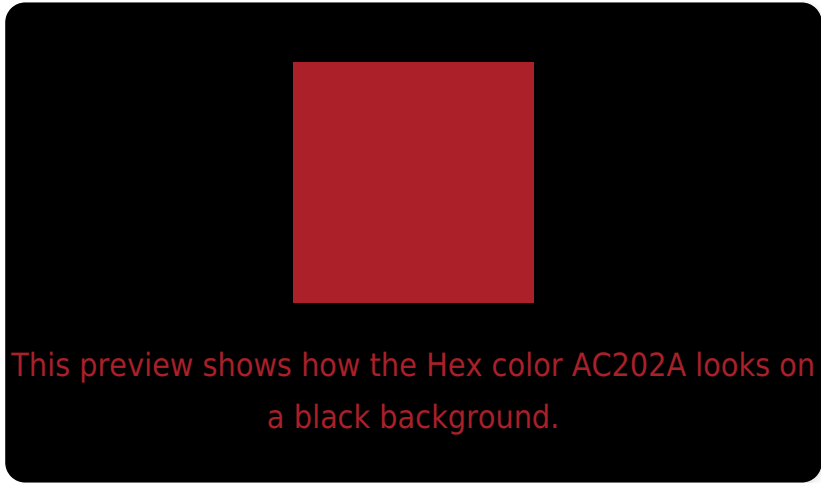
Large Text (above 18pt) WCAG AA ✓ Pass

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 AC202A Background



This preview shows how black text looks on a background with the Hex color AC202A.

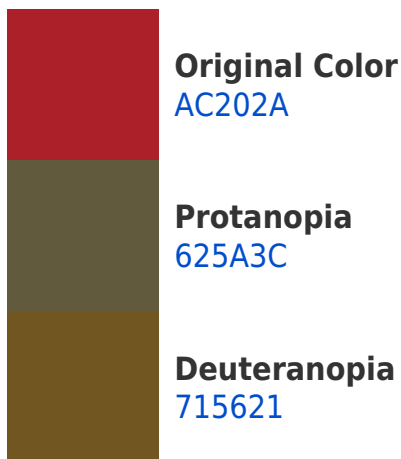


This preview shows how white text looks on a background with the Hex color AC202A.

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
AC202A

Protanomaly
7D4535

Deuteranomaly
864224

Tritanomaly
AC2124

Monochromacy



Original Color
AC202A

Achromatopsia
4B4B4B

Achromatomaly
6E3B3F

CSS Examples

Text

The CSS property to change the color of the text to Hex AC202A 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 #AC202A looks like.

```
.text, #text, p{  
    color:#AC202A  
}
```

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 #AC202A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC202A
}
```

Border

The CSS property to change the border of an element to Hex AC202A 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
#AC202A }
```

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

```
.border{ border-color:#AC202A }
```

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

Here you see how a box with a 4 pixel #AC202A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC202A; -webkit-box-shadow:4px 4px  
4px 4px #AC202A; box-shadow:4px 4px 4px  
4px #AC202A }
```

Background

The CSS property to change the background color of an element to Hex AC202A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC202A }
```

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

```
.background{ background-color:#AC202A }
```

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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