

Converting Colors

Hex(AC2A27)

Have a look what the booklet for
Hex(AC2A27) contains.

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Color

Hex(AC2A27)

Conversions

Conversions Part 1

Format	Color
Hex	AC2A27
RGB	172, 42, 39
RGB Percent	67%, 16%, 15%
CMY	0.3255, 0.8353, 0.8471
CMYK	0.00, 0.76, 0.77, 0.33
HSL	1°, 63%, 41%
HSV	1°, 77%, 67%
XYZ	18.2074, 10.5731, 3.0006
YIQ	80.5280, 78.4430, 26.6270

Conversions

Conversions Part 2

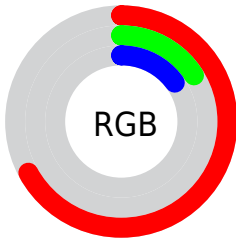
Format	Color
RYB	172, 42, 39
Decimal	11282983
CIELab	38.85, 51.80, 34.16
CIElCh	39, 62.050, 33.404
Yxy	10.5731, 0.5729, 0.3327
Android (android.graphics.Color)	4289473063 (0xFFAC2A27)
YUV	80.5280, -20.4733, 80.2209
Hunter-Lab	32.5163, 43.0474, 17.2901

Details

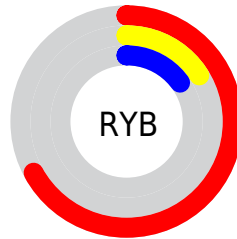
The Hex color **AC2A27** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **27A9AC**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **EA6255**, and **700000** is the 20% darker color. If you saturate the color by 10%, you get **AC1916**, and if you desaturate by 10%, it is **AC3B38**.

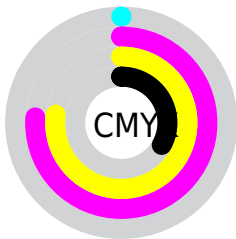
Distribution



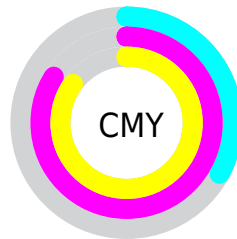
- Red (67%)
- Green (16%)
- Blue (15%)



- Red (67%)
- Yellow (16%)
- Blue (15%)



- Cyan (0%)
- Magenta (76%)
- Yellow (77%)
- Black (33%)



- Cyan (33%)
- Magenta (84%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color AC2A27 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 AC2A27 by changing the saturation by 10% instead.

 AC2A27

 AC2A27

FFFFFF

 8E0112

 EA6255

 700000

 FF7D6D

 520000

 FF9987

 370002

 FFB5A1

 0A0000

 FFD1BC

 000000

 FFEFD8

 FFFFF5

 AC2A27

 AC2A27

 AC1916

 AC3B38

 AC0805

 AC4C49

 AC0400

 AC5C5B

 AC6D6C

 AC7E7D

 AC8F8E

 ACA09F

 ACB0B1

 ACC1C2

Harmonies

Analogous

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



B11458



AC2A27



924700

Triad

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



AC2A27



006E2B



0060C1

Complementary

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



AC2A27



27A9AC

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.



006CB6



AC2A27



007160

Square

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



AC2A27



356800



007192



5E4BB1

Rectangle

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



AC2A27



795600



007192



0065C1

Sweetspot

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



AC2A27



E0AEAD



AC27AA



705151



F0F0F0



707070

Same Dimension

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



AC2A27



E01410



AC6C27



574E4E



960300



170100

Inverse Universe

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



27A9AC



10DCE0



2767AC



4E5757



009396



001617

Previews

White Background



This preview shows how the Hex color AC2A27 looks on a white background.

Color Contrast Check

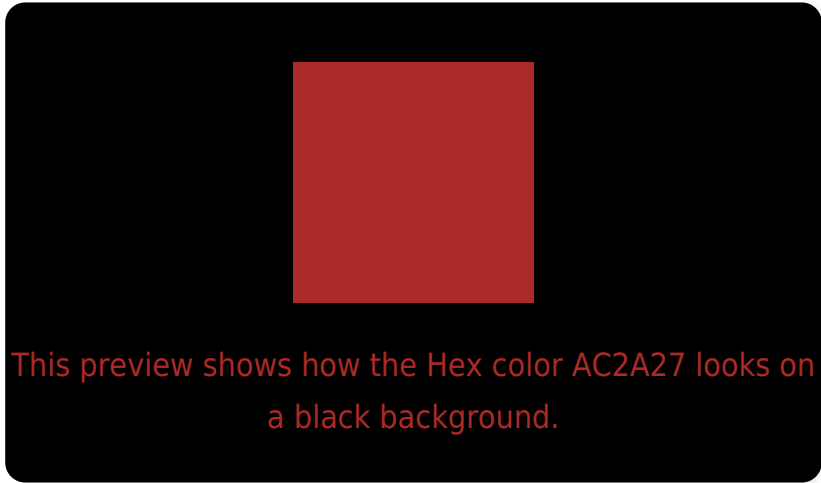
Large Text (above 18pt) WCAG AA ✓ Pass

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 AC2A27 Background



This preview shows how black text looks on a background with the Hex color AC2A27.



This preview shows how white text looks on a background with the Hex color AC2A27.

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



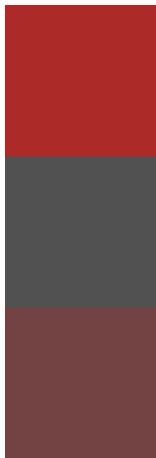
Original Color
AC2A27

Protanomaly
7F4A31

Deuteranomaly
884721

Tritanomaly
AC292A

Monochromacy



Original Color
AC2A27

Achromatopsia
515151

Achromatomaly
724342

CSS Examples

Text

The CSS property to change the color of the text to Hex AC2A27 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 #AC2A27 looks like.

```
.text, #text, p{  
    color:#AC2A27  
}
```

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 #AC2A27 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC2A27
}
```

Border

The CSS property to change the border of an element to Hex AC2A27 is called "border". The border property can be set on classes, ids or directly on the HTML element.

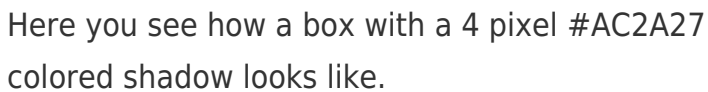
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AC2A27 }
```

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

```
.border{ border-color:#AC2A27 }
```

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



Here you see how a box with a 4 pixel `#AC2A27` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC2A27; -webkit-box-shadow:4px 4px  
4px 4px #AC2A27; box-shadow:4px 4px 4px  
4px #AC2A27 }
```

Background

The CSS property to change the background color of an element to Hex AC2A27 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC2A27 }
```

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

```
.background{ background-color:#AC2A27 }
```

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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