

Converting Colors

Hex(AC4228)

Have a look what the booklet for
Hex(AC4228) contains.

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Color

Hex(AC4228)

Conversions

Conversions Part 1

Format	Color
Hex	AC4228
RGB	172, 66, 40
RGB Percent	67%, 26%, 16%
CMY	0.3255, 0.7412, 0.8431
CMYK	0.00, 0.62, 0.77, 0.33
HSL	12°, 62%, 42%
HSV	12°, 77%, 67%
XYZ	19.3445, 12.8203, 3.4625
YIQ	94.7300, 71.5220, 14.3860

Conversions

Conversions Part 2

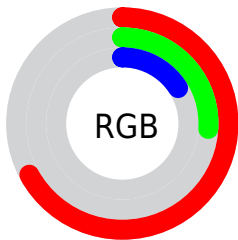
Format	Color
R_{YB}	172, 72, 40
Decimal	11289128
CIE _{Lab}	42.49, 41.99, 37.48
CIE _{LCh}	42, 56.288, 41.753
Yxy	12.8203, 0.5430, 0.3598
Android (android.graphics.Color)	4289479208 (0xFFAC4228)
YUV	94.7300, -26.9819, 67.7658
Hunter-Lab	35.8054, 33.7781, 19.3303

Details

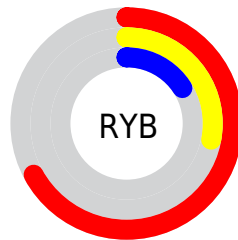
The Hex color **AC4228** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **2892AC**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **E97657**, and **710800** is the 20% darker color. If you saturate the color by 10%, you get **AC3417**, and if you desaturate by 10%, it is **AC5039**.

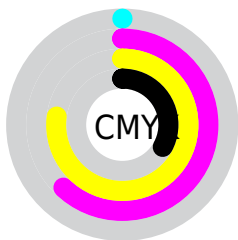
Distribution



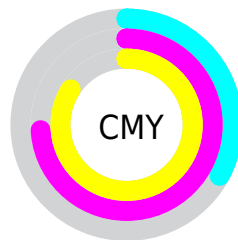
- Red (67%)
- Green (26%)
- Blue (16%)



- Red (67%)
- Yellow (28%)
- Blue (16%)



- Cyan (0%)
- Magenta (62%)
- Yellow (77%)
- Black (33%)



- Cyan (33%)
- Magenta (74%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color AC4228 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 AC4228 by changing the saturation by 10% instead.

 AC4228

 AC4228

FFFFFF

 8E2812

 E97657

 710800

 FF9170

 530000

 FFAC89

 380001

 FFC8A4

 150000

 FFE5BF

 000000

 FFFFDB

 FFFFF8

 AC4228

 AC4228

■ AC3417

■ AC5039

■ AC2606

■ AC5E4A

■ AC2200

■ AC6B5C

■ AC796D

■ AC877E

■ AC958F

■ ACA3A0

■ ACB0B2

■ ACBEC3

Harmonies

Analogous

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



B63154



AC4228



905800

Triad

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



AC4228



007745



0064C0

Complementary

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



AC4228



2892AC

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.



0071BD



AC4228



007976

Square

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



AC4228



337215



0078A1



7D4FAA

Rectangle

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



AC4228



776300



0078A1



0069C2

Sweetspot

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



AC4228



E0B7AD



AC2894



705751



F0F0F0



707070

Same Dimension

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



AC4228



E03B12



AC8228



57504E



961E00



170500

Inverse Universe

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



2892AC



12B8E0



2852AC



4E5557



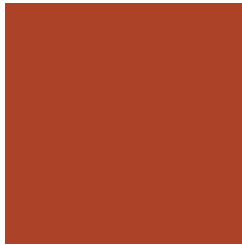
007996



001217

Previews

White Background



This preview shows how the Hex color AC4228 looks on a white background.

Color Contrast Check

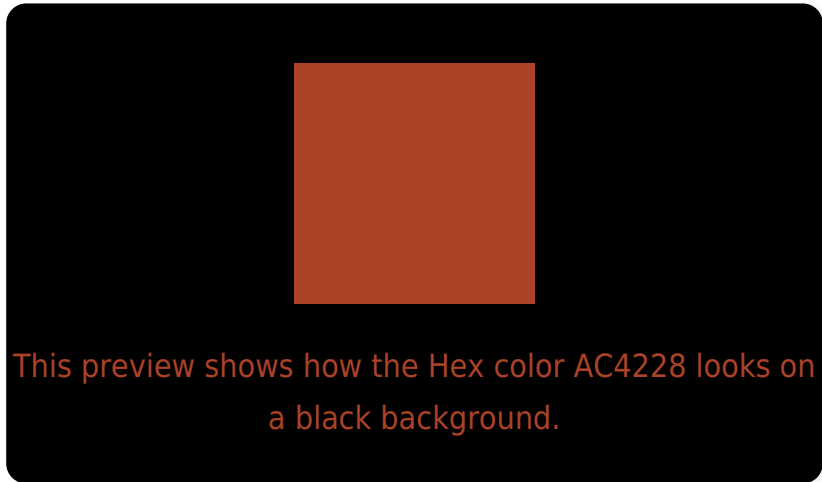
Large Text (above 18pt) WCAG AA ✓ Pass

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 AC4228 Background



This preview shows how black text looks on a background with the Hex color AC4228.



This preview shows how white text looks on a background with the Hex color AC4228.

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
AC4228

Protanopia
706532

Deuteranopia
7F6020



Tritanopia
AD3F43

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AC4228 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 #AC4228 looks like.

```
.text, #text, p{  
    color:#AC4228  
}
```

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 #AC4228 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC4228
}
```

Border

The CSS property to change the border of an element to Hex AC4228 is called "border". The border property can be set on classes, ids or directly on the HTML element.

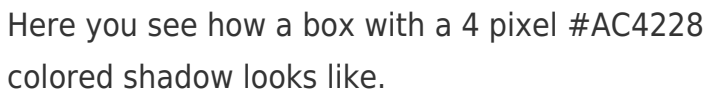
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AC4228 }
```

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

```
.border{ border-color:#AC4228 }
```

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



Here you see how a box with a 4 pixel `#AC4228` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC4228; -webkit-box-shadow:4px 4px  
4px 4px #AC4228; box-shadow:4px 4px 4px  
4px #AC4228 }
```

Background

The CSS property to change the background color of an element to Hex AC4228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC4228 }
```

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

```
.background{ background-color:#AC4228 }
```

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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