

Converting Colors

Hex(ACAD20)

Have a look what the booklet for
Hex(ACAD20) contains.

Hex(ACAD20)	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(ACAD20)

Conversions

Conversions Part 1

Format	Color
Hex	ACAD20
RGB	172, 173, 32
RGB Percent	67%, 68%, 13%
CMY	0.3255, 0.3216, 0.8745
CMYK	0.01, 0.00, 0.82, 0.32
HSL	60°, 69%, 40%
HSV	60°, 82%, 68%
XYZ	32.2175, 38.7621, 7.1503
YIQ	156.6270, 44.6650, -44.0630

Conversions

Conversions Part 2

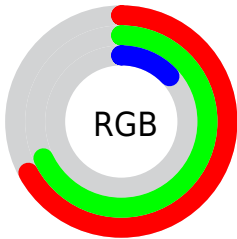
Format	Color
RYB	32, 173, 33
Decimal	11316512
CIELab	68.58, -15.94, 65.14
CIELCh	69, 67.058, 103.752
Yxy	38.7621, 0.4124, 0.4961
Android (android.graphics.Color)	4289506592 (0xFFACAD20)
YUV	156.6270, -61.4411, 13.4821
Hunter-Lab	62.2592, -16.5844, 36.7722

Details

The Hex color **ACAD20** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **2120AD**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **E7E45B**, and **747900** is the 20% darker color. If you saturate the color by 10%, you get **ACAD0F**, and if you desaturate by 10%, it is **ACAD31**.

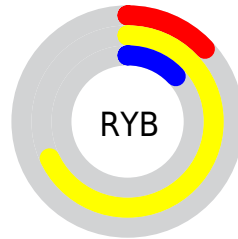
Distribution



Red (67%)

Green (68%)

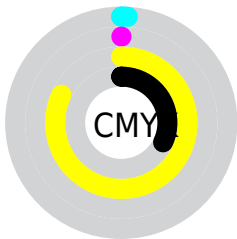
Blue (13%)



Red (13%)

Yellow (68%)

Blue (13%)

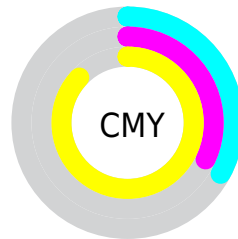


Cyan (1%)

Magenta (0%)

Yellow (82%)

Black (32%)



Cyan (33%)

Magenta (32%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color ACAD20 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 ACAD20 by changing the saturation by 10% instead.

 ACAD20

 ACAD20

FFFFFF

 909300

 E7E45B

 747900

 FFFF77

 596000

 FFFF92

 3E4900

 FFFFAF

 243200

 FFFFCB

 071E00

 FFFF E8

 000000

 ACAD20

 ACAD20

 ACAD0F

 ACAD31

■ ACAD00

■ ACAD43

■ ACAD54

■ ACAD65

■ ADAD76

■ ADAD88

■ ADAD99

■ ADADAA

■ ADADBC

Harmonies

Analogous

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



E19829



ACAD20



67BB49

Triad

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



ACAD20



00C1FA



FF73CB

Complementary

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



ACAD20



2120AD

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.



CE8BFF



ACAD20



00B7FF

Square

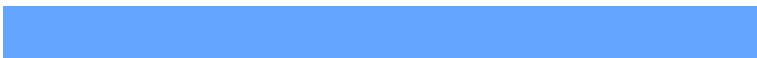
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



ACAD20



00C4C2



63A5FF



FF6E8E

Rectangle

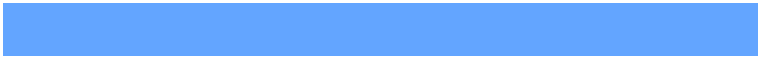
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



ACAD20



00C06F



63A5FF



F67ADE

Sweetspot

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



ACAD20



E0E0AB



AD2020



707050



F0F0F0



707070

Same Dimension

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



ACAD20



DFE004



67AD20



57574E



959600



171700

Inverse Universe

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



2120AD



0604E0



6720AD



4E4E57



010096



000017

Previews

White Background



This preview shows how the Hex color ACAD20 looks on a white background.

Color Contrast Check

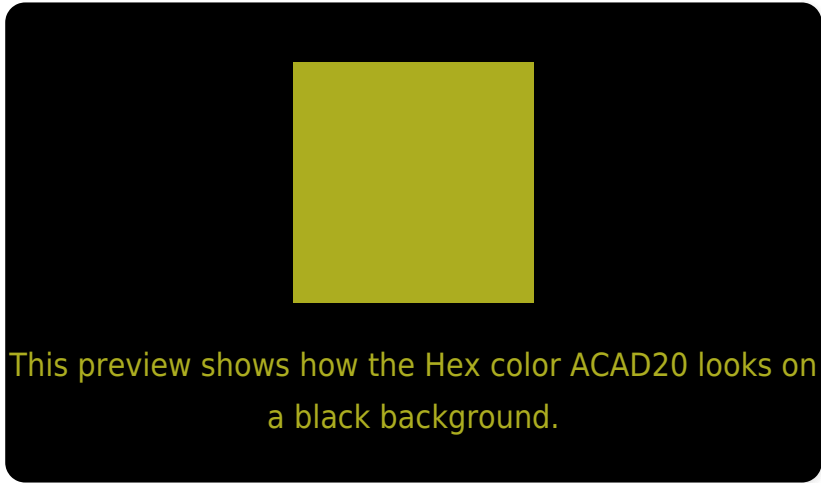
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex ACAD20 Background



This preview shows how black text looks on a background with the Hex color ACAD20.

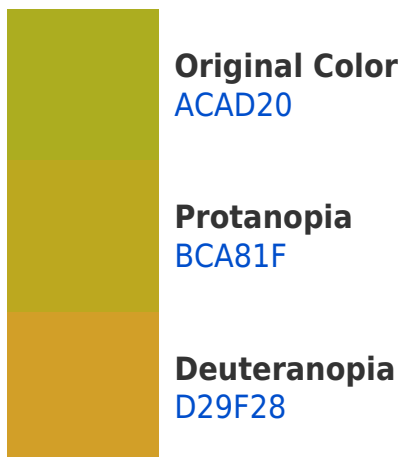


This preview shows how white text looks on a background with the Hex color ACAD20.

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](#).

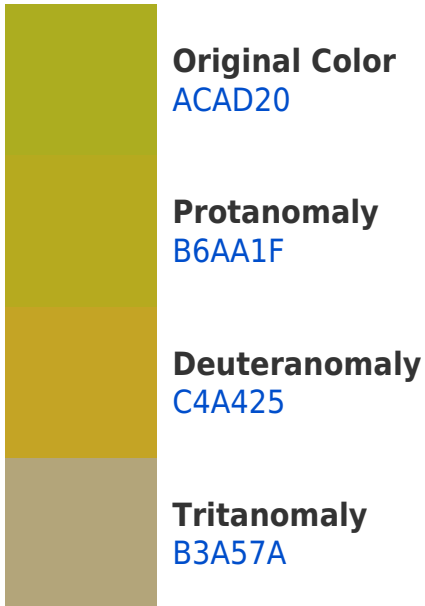
Dichromacy



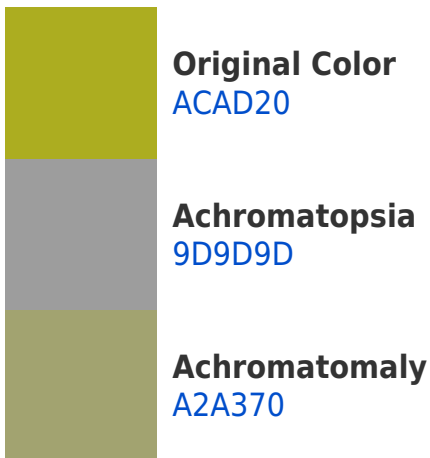


Tritanopia
B7A1AE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex ACAD20 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 #ACAD20 looks like.

```
.text, #text, p{  
    color:#ACAD20  
}
```

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 #ACAD20 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ACAD20  
}
```

Border

The CSS property to change the border of an element to Hex ACAD20 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  
#ACAD20 }
```

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

```
.border{ border-color:#ACAD20 }
```

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

Here you see how a box with a 4 pixel #ACAD20 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ACAD20; -webkit-box-shadow:4px 4px  
4px 4px #ACAD20; box-shadow:4px 4px 4px  
4px #ACAD20 }
```

Background

The CSS property to change the background color of an element to Hex ACAD20 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ACAD20 }
```

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

```
.background{ background-color:#ACAD20 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor