

Converting Colors

Hex(CAB12A)

Have a look what the booklet for
Hex(CAB12A) contains.

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Color

Hex(CAB12A)

Conversions

Conversions Part 1

Format	Color
Hex	CAB12A
RGB	202, 177, 42
RGB Percent	79%, 69%, 16%
CMY	0.2078, 0.3059, 0.8353
CMYK	0.00, 0.12, 0.79, 0.21
HSL	51°, 66%, 48%
HSV	51°, 79%, 79%
XYZ	40.4972, 44.1680, 8.5813
YIQ	169.0850, 58.2350, -36.6850

Conversions

Conversions Part 2

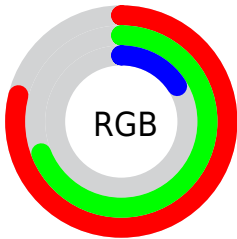
Format	Color
RYB	72, 202, 42
Decimal	13283626
CIELab	72.34, -4.54, 66.56
CIELCh	72, 66.717, 93.900
Yxy	44.1680, 0.4343, 0.4737
Android (android.graphics.Color)	4291473706 (0xFFCAB12A)
YUV	169.0850, -62.6529, 28.8665
Hunter-Lab	66.4590, -7.5333, 38.8657

Details

The Hex color **CAB12A** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle muted orange. A complement of this color would be **2A43CA**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **FFE863**, and **907D00** is the 20% darker color. If you saturate the color by 10%, you get **CAAE16**, and if you desaturate by 10%, it is **CAB43E**.

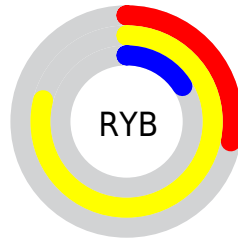
Distribution



Red (79%)

Green (69%)

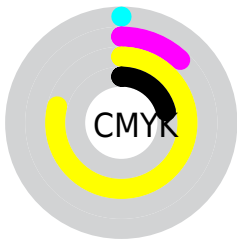
Blue (16%)



Red (28%)

Yellow (79%)

Blue (16%)

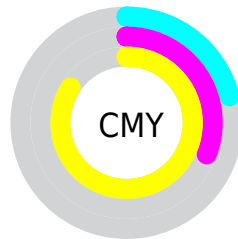


Cyan (0%)

Magenta (12%)

Yellow (79%)

Black (21%)



Cyan (21%)

Magenta (31%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color CAB12A 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 CAB12A by changing the saturation by 10% instead.

 CAB12A

 CAB12A

FFFFFF

 AD9700

 FFE863

 907D00

 FFFF7F

 746400

 FFFF9B

 584D00

 FFFFFB7

 3D3600

 FFFFFD4

 242100

 FFFFFF1

 010C00

 000000

 CAB12A

 CAB12A

■ CAAE16

■ CAB43E

■ CAAB02

■ CAB752

■ CAAA00

■ CABA67

■ CABE7B

■ CAC18F

■ CAC4A3

■ CAC7B7

■ CACACC

■ CACDE0

Harmonies

Analogous

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



FB9A41



CAB12A



8BC144

Triad

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



CAB12A



00CDF4



FF84E8

Complementary

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



CAB12A



2A43CA

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.



BE9EFF



CAB12A



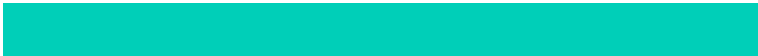
00C6FF

Square

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



CAB12A



00CFB8



26B6FF



FF78AC

Rectangle

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



CAB12A



52C866



26B6FF



F08CFA

Sweetspot

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



CAB12A



FFF5C2



CA2A45



807A5B



000000



808080

Same Dimension

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



CAB12A



FFD90D



95CA2A



66645C



A68C00



262000

Inverse Universe

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



2A43CA



0D33FF



5F2ACA



5C5D66



001AA6



000626

Previews

White Background



This preview shows how the Hex color CAB12A looks on a white background.

Color Contrast Check

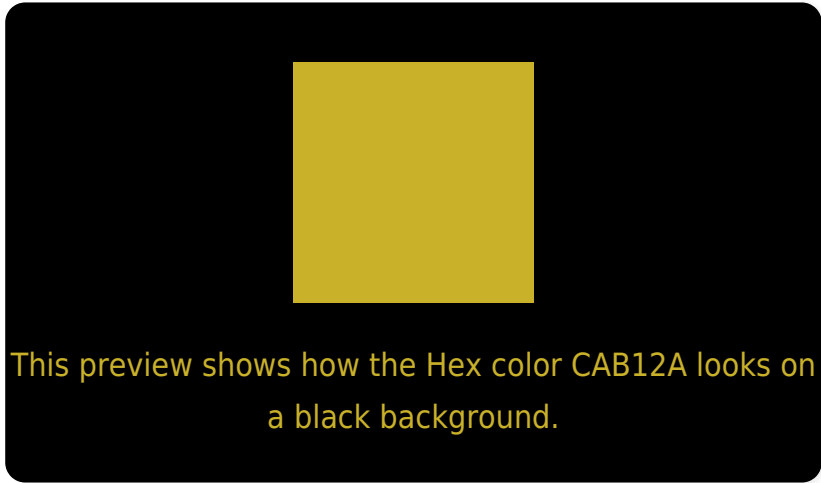
Large Text (above 18pt) WCAG AA × Fail

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 CAB12A Background



This preview shows how black text looks on a background with the Hex color CAB12A.



This preview shows how white text looks on a background with the Hex color CAB12A.

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
CAB12A

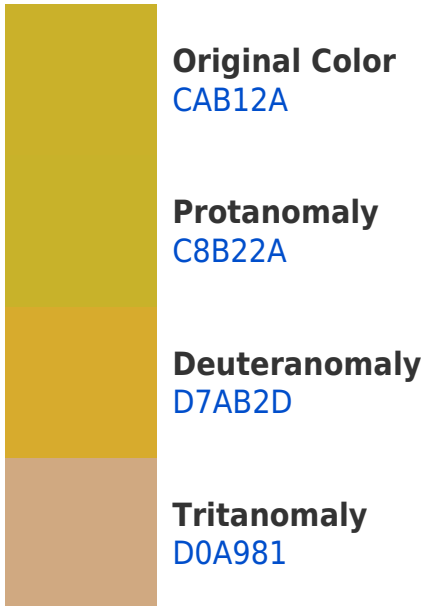
Protanopia
C7B22A

Deuteranopia
DFA82E

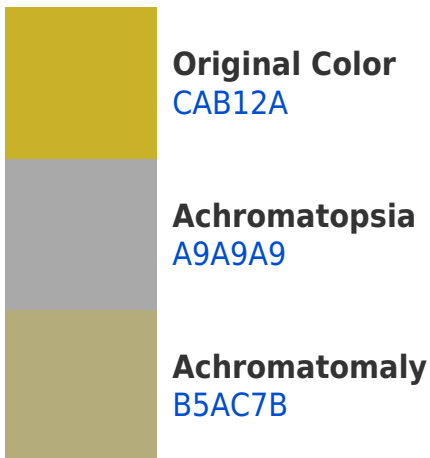


Tritanopia
D4A5B2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CAB12A 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 #CAB12A looks like.

```
.text, #text, p{  
    color:#CAB12A  
}
```

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 #CAB12A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CAB12A
}
```

Border

The CSS property to change the border of an element to Hex CAB12A 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
#CAB12A }
```

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

```
.border{ border-color:#CAB12A }
```

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

Here you see how a box with a 4 pixel #CAB12A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CAB12A; -webkit-box-shadow:4px 4px  
4px 4px #CAB12A; box-shadow:4px 4px 4px  
4px #CAB12A }
```

Background

The CSS property to change the background color of an element to Hex CAB12A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CAB12A }
```

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

```
.background{ background-color:#CAB12A }
```

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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