

# Converting Colors

Hex(C1AB15)

Have a look what the booklet for  
Hex(C1AB15) contains.

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# **Color**

**Hex(C1AB15)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C1AB15
RGB	193, 171, 21
RGB Percent	76%, 67%, 8%
CMY	0.2431, 0.3294, 0.9176
CMYK	0.00, 0.11, 0.89, 0.24
HSL	52°, 80%, 42%
HSV	52°, 89%, 76%
XYZ	36.6906, 40.5174, 6.5963
YIQ	160.4780, 61.2620, -41.9860

# Conversions

## Conversions Part 2

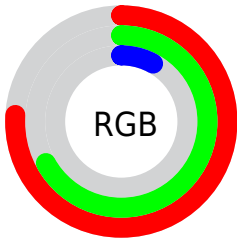
Format	Color
<a href="#">RYB</a>	<a href="#">46, 193, 21</a>
Decimal	<a href="#">12692245</a>
CIELab	<a href="#">69.84, -5.92, 69.44</a>
CIELCh	<a href="#">70, 69.697, 94.875</a>
Yxy	<a href="#">40.5174, 0.4378, 0.4835</a>
Android (android.graphics.Color)	<a href="#">4290882325</a> ( <a href="#">0xFFC1AB15</a> )
YUV	<a href="#">160.4780, -68.7627, 28.5218</a>
Hunter-Lab	<a href="#">63.6533, -8.5035, 38.4132</a>

# Details

The Hex color **C1AB15** is a dark color, and the websafe version is hex **999900**. The color can be described as dark washed orange. A complement of this color would be **152BC1**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **FDE255**, and **877700** is the 20% darker color. If you saturate the color by 10%, you get **C1A902**, and if you desaturate by 10%, it is **C1AD28**.

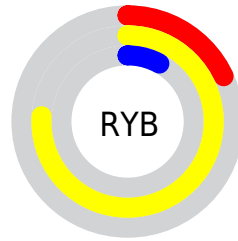
# Distribution



Red (76%)

Green (67%)

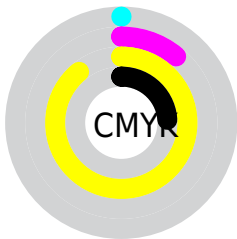
Blue (8%)



Red (18%)

Yellow (76%)

Blue (8%)

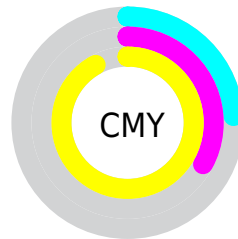


Cyan (0%)

Magenta (11%)

Yellow (89%)

Black (24%)



Cyan (24%)

Magenta (33%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C1AB15 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 C1AB15 by changing the saturation by 10% instead.



 C1AB15

 C1AB15

FFFFFF

 A49100

 FDE255

 877700

 FFFF71

 6B5F00

 FFFF8D

 4F4700

 FFFFA9

 353100

 FFFFC6

 1C1D00

 FFFFE3

 000000

 C1AB15

 C1AB15

 C1A902

 C1AD28

 C1A800

 C1B03C

 C1B24F

 C1B562

 C1B776

 C1BA89

 C1BC9C

 C1BFAF

 C1C1C3

# Harmonies

## Analogous

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



F49332



C1AB15



7FBB39

# Triad

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



C1AB15



00C7F2



FF7AE2

# Complementary

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



C1AB15



152BC1

# 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.



B995FF



C1AB15



00BFFF

# Square

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



C1AB15



00C8B3



00AFFF



FF6CA3

# Rectangle

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



C1AB15



3DC25E



00AFFF



ED82F4



# Sweetspot

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



C1AB15



FAF1B6



C1152C



7D7855



FCFCFC



7D7D7D



# Same Dimension

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



C1AB15



FADA00



82C115



616057



A18C00



211D00



# Inverse Universe

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



152BC1



0020FA



5415C1



575861



0015A1



000421



# Previews

## White Background



This preview shows how the Hex color C1AB15 looks on a white background.

## Color Contrast Check

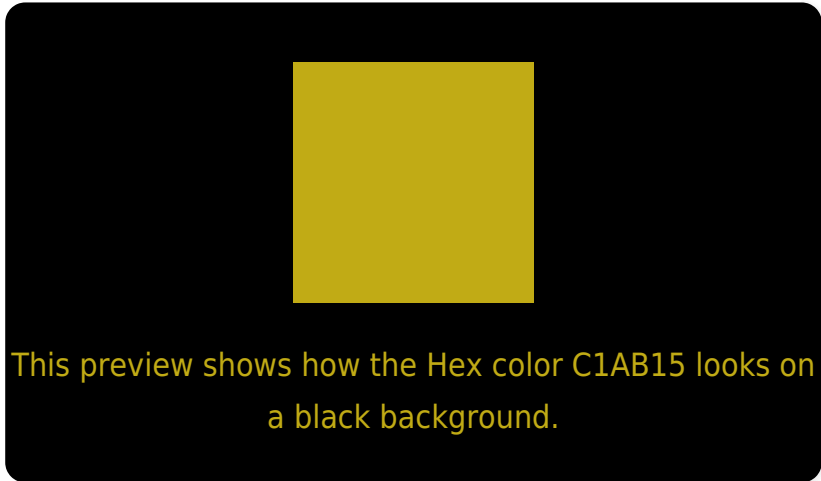
Large Text (above 18pt) WCAG AA × Fail

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 C1AB15 Background



This preview shows how black text looks on a background with the Hex color C1AB15.



This preview shows how white text looks on a background with the Hex color C1AB15.

# 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**  
C1AB15

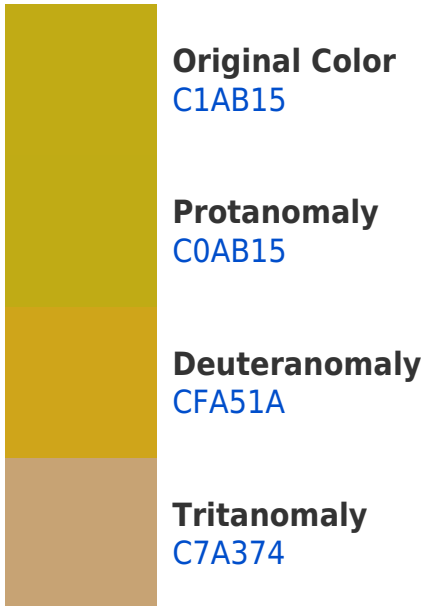
**Protanopia**  
C0AB15

**Deuteranopia**  
D7A21D

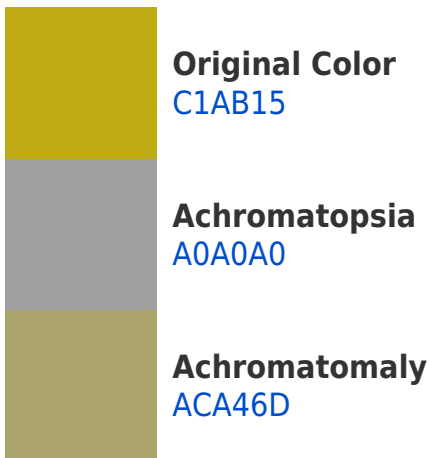


**Tritanopia**  
CB9FAB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C1AB15 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 #C1AB15 looks like.

```
.text, #text, p{  
    color:#C1AB15  
}
```

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 #C1AB15 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C1AB15
}
```

## Border

The CSS property to change the border of an element to Hex C1AB15 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
#C1AB15 }
```

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

```
.border{ border-color:#C1AB15 }
```

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

Here you see how a box with a 4 pixel #C1AB15 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C1AB15; -webkit-box-shadow:4px 4px  
4px 4px #C1AB15; box-shadow:4px 4px 4px  
4px #C1AB15 }
```

# Background

The CSS property to change the background color of an element to Hex C1AB15 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C1AB15 }
```

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

```
.background{ background-color:#C1AB15 }
```

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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