

# Converting Colors

Hex(CAB115)

Have a look what the booklet for  
Hex(CAB115) contains.

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**Color**

**Hex(CAB115)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CAB115
RGB	202, 177, 21
RGB Percent	79%, 69%, 8%
CMY	0.2078, 0.3059, 0.9176
CMYK	0.00, 0.12, 0.90, 0.21
HSL	52°, 81%, 44%
HSV	52°, 90%, 79%
XYZ	40.2146, 44.0550, 7.0934
YIQ	166.6910, 64.9760, -43.2160

# Conversions

## Conversions Part 2

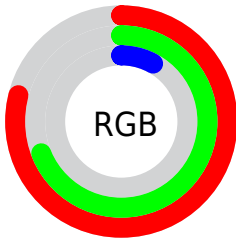
Format	Color
<a href="#">RYB</a>	<a href="#">50, 202, 21</a>
Decimal	<a href="#">13283605</a>
CIELab	<a href="#">72.27, -5.09, 71.71</a>
CIELCh	<a href="#">72, 71.887, 94.060</a>
Yxy	<a href="#">44.0550, 0.4402, 0.4822</a>
Android (android.graphics.Color)	<a href="#">4291473685</a> (0xFFCAB115)
YUV	<a href="#">166.6910, -71.8257, 30.9660</a>
Hunter-Lab	<a href="#">66.3739, -8.0048, 40.1254</a>

# Details

The Hex color **CAB115** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle washed orange. A complement of this color would be **152ECA**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **FFE857**, and **8F7D00** is the 20% darker color. If you saturate the color by 10%, you get **CAAE01**, and if you desaturate by 10%, it is **CAB429**.

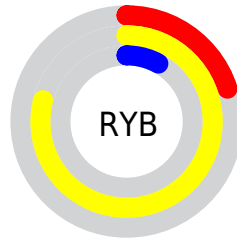
# Distribution



Red (79%)

Green (69%)

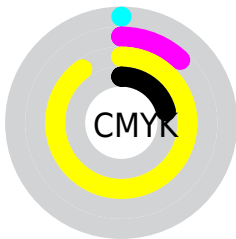
Blue (8%)



Red (20%)

Yellow (79%)

Blue (8%)

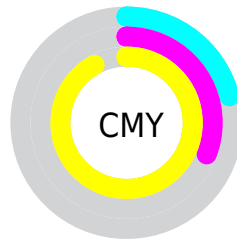


Cyan (0%)

Magenta (12%)

Yellow (90%)

Black (21%)



Cyan (21%)

Magenta (31%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CAB115 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 CAB115 by changing the saturation by 10% instead.



 CAB115

 CAB115

FFFFFF

 AC9700

 FFE857

 8F7D00

 FFFF73

 736400

 FFFF8F

 574D00

 FFFFFAB

 3C3600

 FFFFC8

 232100

 FFFFE5

 000C00

 000000

 CAB115

 CAB115

■ CAAE01

■ CAB429

■ CAAE00

■ CAB73D

■ CAB952

■ CABC66

■ CABF7A

■ CAC28E

■ CAC5A2

■ CAC7B7

■ CACACB

# Harmonies

## Analogous

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



FF9835



CAB115



86C239

# Triad

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



CAB115



00CFF9



FF7FEC

# Complementary

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



CAB115



152ECA

# 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.



BE9CFF



CAB115



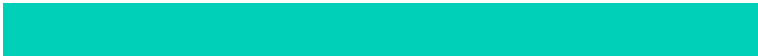
00C7FF

# Square

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



CAB115



00D0B8



00B6FF



FF70AB

# Rectangle

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



CAB115



44CA60



00B6FF



F488FF



# Sweetspot

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



CAB115



FFF5BA



CA1530



807A57



000000



808080



# Same Dimension

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



CAB115



FFDC00



8BCA15



66655C



A68F00



262100



# Inverse Universe

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



152ECA



0023FF



5415CA



5C5D66



0017A6



000526



# Previews

## White Background



This preview shows how the Hex color CAB115 looks on a white background.

## Color Contrast Check

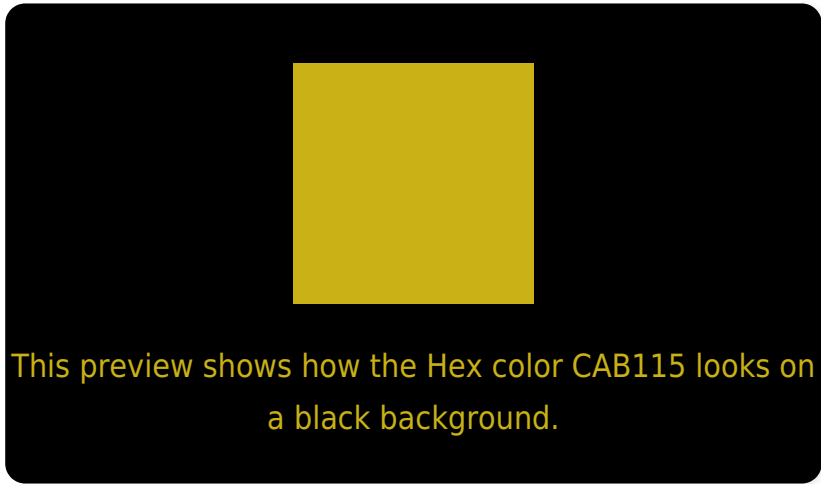
Large Text (above 18pt) WCAG AA × Fail

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 CAB115 Background



This preview shows how black text looks on a background with the Hex color CAB115.



This preview shows how white text looks on a background with the Hex color CAB115.

# 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**  
CAB115

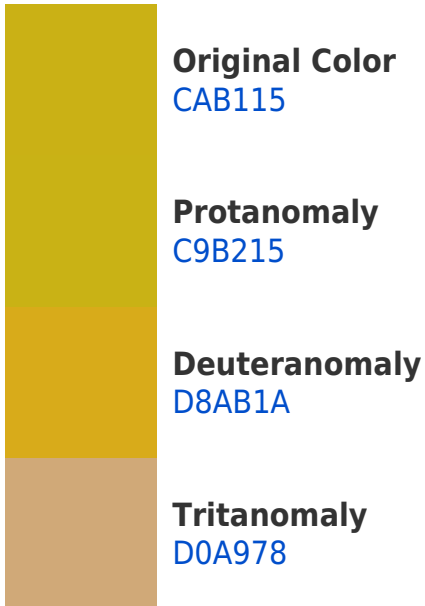
**Protanopia**  
C8B215

**Deuteranopia**  
E0A81D

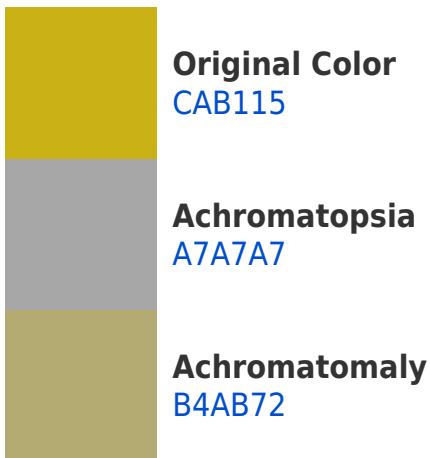


**Tritanopia**  
D4A5B1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CAB115 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 #CAB115 looks like.

```
.text, #text, p{  
    color:#CAB115  
}
```

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 #CAB115 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CAB115
}
```

## Border

The CSS property to change the border of an element to Hex CAB115 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
#CAB115 }
```

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

```
.border{ border-color:#CAB115 }
```

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

Here you see how a box with a 4 pixel #CAB115 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CAB115; -webkit-box-shadow:4px 4px  
4px 4px #CAB115; box-shadow:4px 4px 4px  
4px #CAB115 }
```

# Background

The CSS property to change the background color of an element to Hex CAB115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CAB115 }
```

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

```
.background{ background-color:#CAB115 }
```

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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