

# Converting Colors

Hex(CAB029)

Have a look what the booklet for  
Hex(CAB029) contains.

<b>Hex(CAB029)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(CAB029)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CAB029
RGB	202, 176, 41
RGB Percent	79%, 69%, 16%
CMY	0.2078, 0.3098, 0.8392
CMYK	0.00, 0.13, 0.80, 0.21
HSL	50°, 66%, 48%
HSV	50°, 80%, 79%
XYZ	40.2827, 43.7673, 8.4226
YIQ	168.3840, 58.8310, -36.4730

# Conversions

## Conversions Part 2

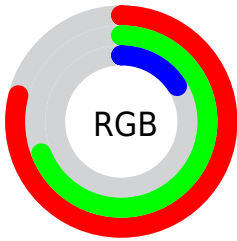
Format	Color
<a href="#">RYB</a>	<a href="#">72, 202, 41</a>
Decimal	<a href="#">13283369</a>
CIELab	<a href="#">72.07, -4.05, 66.63</a>
CIELCh	<a href="#">72, 66.755, 93.477</a>
Yxy	<a href="#">43.7673, 0.4356, 0.4733</a>
Android (android.graphics.Color)	<a href="#">4291473449</a> ( <a href="#">0xFFCAB029</a> )
YUV	<a href="#">168.3840, -62.8003, 29.4812</a>
Hunter-Lab	<a href="#">66.1569, -7.0865, 38.7614</a>

# Details

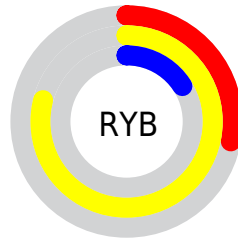
The Hex color **CAB029** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle muted orange. A complement of this color would be **2943CA**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **FFE763**, and **907C00** is the 20% darker color. If you saturate the color by 10%, you get **CAAD15**, and if you desaturate by 10%, it is **CAB33D**.

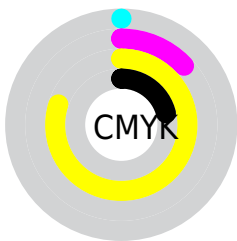
# Distribution



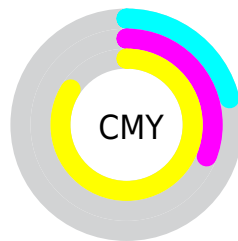
- Red (79%)
- Green (69%)
- Blue (16%)



- Red (28%)
- Yellow (79%)
- Blue (16%)



- Cyan (0%)
- Magenta (13%)
- Yellow (80%)
- Black (21%)



- Cyan (21%)
- Magenta (31%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CAB029 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 CAB029 by changing the saturation by 10% instead.



 CAB029

 CAB029

FFFFFF

 AD9600

 FFE763

 907C00

 FFFF7E

 746300

 FFFF9A

 584C00

 FFFFFB6

 3D3500

 FFFFFD3

 242000

 FFFFFF0

 010A00

 000000

 CAB029

 CAB029

■ CAAD15

■ CAB33D

■ CAA901

■ CAB751

■ CAA900

■ CABA66

■ CABD7A

■ CAC08E

■ CAC4A2

■ CAC7B6

■ CACACB

■ CACDDF

# Harmonies

## Analogous

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



FB9941



CAB029



8BC043

# Triad

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



CAB029



00CDF2



FF84E8

# Complementary

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



CAB029



2943CA

# 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.



BC9DFF



CAB029



00C5FF

# Square

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



CAB029



00CEB6



1BB5FF



FF77AC

# Rectangle

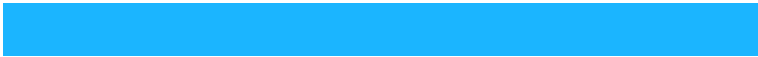
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



CAB029



52C764



1BB5FF



EE8CFA

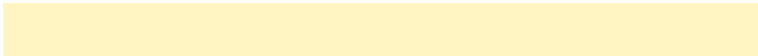


# Sweetspot

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



CAB029



FFF5C2



CA2944



807A5B



000000



808080



# Same Dimension

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



CAB029



FFD70A



94CA29



66645C



A68B00



262000



# Inverse Universe

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



2943CA



0A32FF



5F29CA



5C5D66



001BA6



000626



# Previews

## White Background



This preview shows how the Hex color CAB029 looks on a white background.

## Color Contrast Check

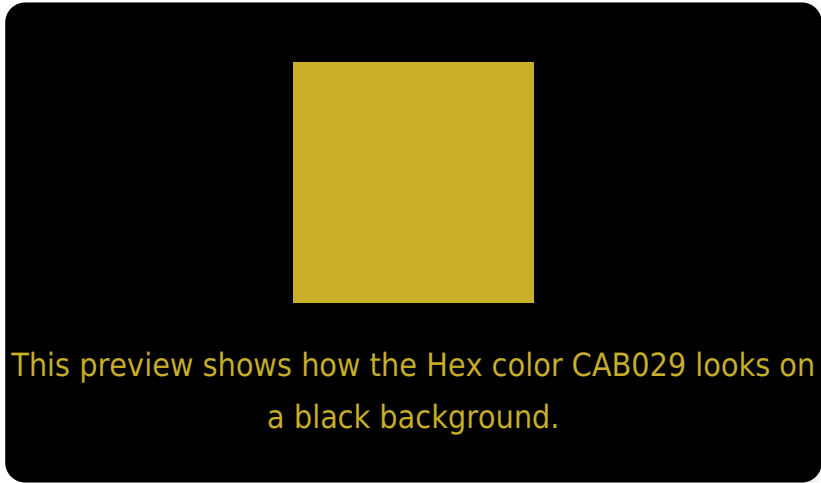
Large Text (above 18pt) WCAG AA × Fail

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 CAB029 Background



This preview shows how black text looks on a background with the Hex color CAB029.



This preview shows how white text looks on a background with the Hex color CAB029.

# 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**  
CAB029

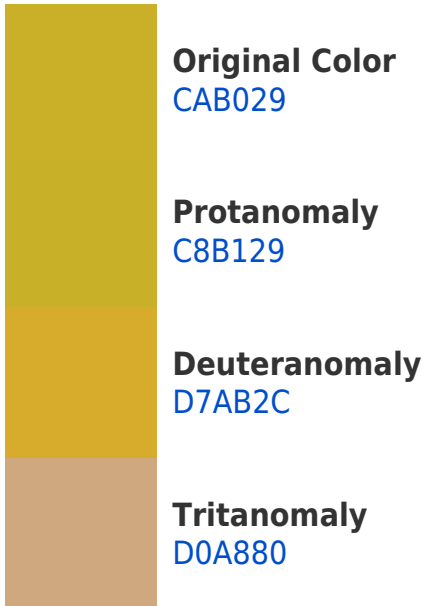
**Protanopia**  
C7B129

**Deuteranopia**  
DEA82D

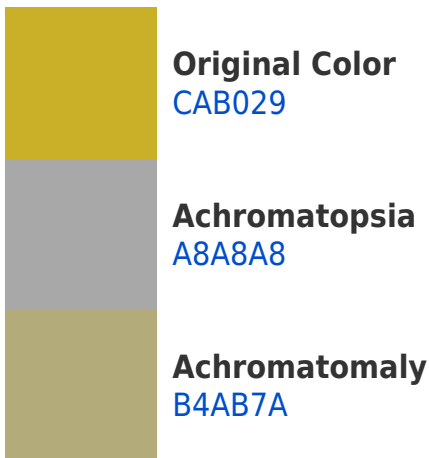


**Tritanopia**  
D4A4B1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CAB029 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 #CAB029 looks like.

```
.text, #text, p{  
    color:#CAB029  
}
```

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 #CAB029 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CAB029
}
```

## Border

The CSS property to change the border of an element to Hex CAB029 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
#CAB029 }
```

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

```
.border{ border-color:#CAB029 }
```

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

Here you see how a box with a 4 pixel #CAB029 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CAB029; -webkit-box-shadow:4px 4px  
4px 4px #CAB029; box-shadow:4px 4px 4px  
4px #CAB029 }
```

# Background

The CSS property to change the background color of an element to Hex CAB029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CAB029 }
```

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

```
.background{ background-color:#CAB029 }
```

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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