

Converting Colors

Hex(CAB614)

Have a look what the booklet for
Hex(CAB614) contains.

Hex(CAB614)	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(CAB614)

Conversions

Conversions Part 1

Format	Color
Hex	CAB614
RGB	202, 182, 20
RGB Percent	79%, 71%, 8%
CMY	0.2078, 0.2863, 0.9216
CMYK	0.00, 0.10, 0.90, 0.21
HSL	53°, 82%, 44%
HSV	53°, 90%, 79%
XYZ	41.2113, 46.0630, 7.3808
YIQ	169.5120, 63.9220, -46.1420

Conversions

Conversions Part 2

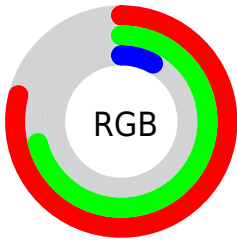
Format	Color
R_{YB}	42, 202, 20
Decimal	13284884
CIE _{Lab}	73.59, -7.71, 72.91
CIE _{LCh}	74, 73.318, 96.035
Yxy	46.0630, 0.4354, 0.4866
Android (android.graphics.Color)	4291474964 (0xFFCAB614)
YUV	169.5120, -73.7094, 28.4920
Hunter-Lab	67.8697, -10.3845, 41.0610

Details

The Hex color **CAB614** 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 **1428CA**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **FFEE57**, and **8F8200** is the 20% darker color. If you saturate the color by 10%, you get **CAB400**, and if you desaturate by 10%, it is **CAB828**.

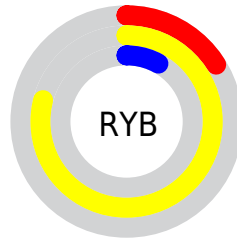
Distribution



Red (79%)

Green (71%)

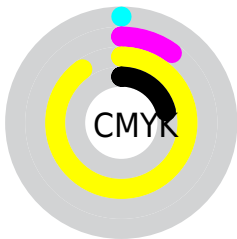
Blue (8%)



Red (16%)

Yellow (79%)

Blue (8%)

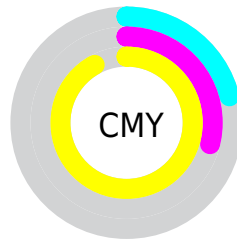


Cyan (0%)

Magenta (10%)

Yellow (90%)

Black (21%)



Cyan (21%)

Magenta (29%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color CAB614 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 CAB614 by changing the saturation by 10% instead.

 CAB614

 CAB614

FFFFFF

 AC9B00

 FFEE57

 8F8200

 FFFF73

 736900

 FFFF90

 575100

 FFFFFAC

 3C3A00

 FFFFC9

 232500

 FFFFFE6

 001100

 000000

 CAB614

 CAB614

 CAB400

 CAB828

 CABA3C

 CABD51

 CABF65

 CAC179

 CAC38D

 CAC6A1

 CAC8B6

 CACACA

Harmonies

Analogous

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



FF9D33



CAB614



83C73D

Triad

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



CAB614



00D3FF



FF7FED

Complementary

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



CAB614



1428CA

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.



C89DFF



CAB614



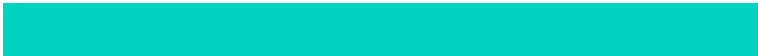
00CAFF

Square

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



CAB614



00D4C1



00B8FF



FF72AA

Rectangle

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



CAB614



39CE65



00B8FF



FD89FF

Sweetspot

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



CAB614



FFF7BA



CA1429



807B57



000000



808080

Same Dimension

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



CAB614



FFE300



84CA14



66655C



A69400



262200

Inverse Universe

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



1428CA



001CFF



5A14CA



5C5D66



0012A6



000426

Previews

White Background



This preview shows how the Hex color CAB614 looks on a white background.

Color Contrast Check

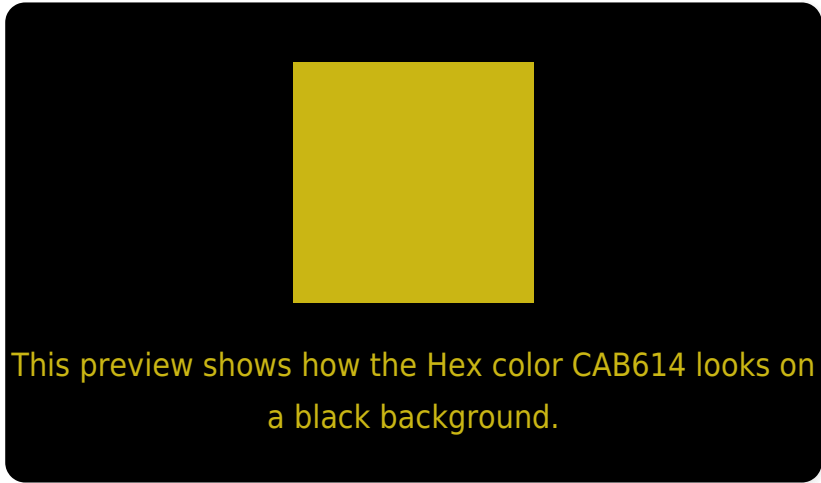
Large Text (above 18pt) WCAG AA × Fail

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 CAB614 Background



This preview shows how black text looks on a background with the Hex color CAB614.



This preview shows how white text looks on a background with the Hex color CAB614.

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
CAB614

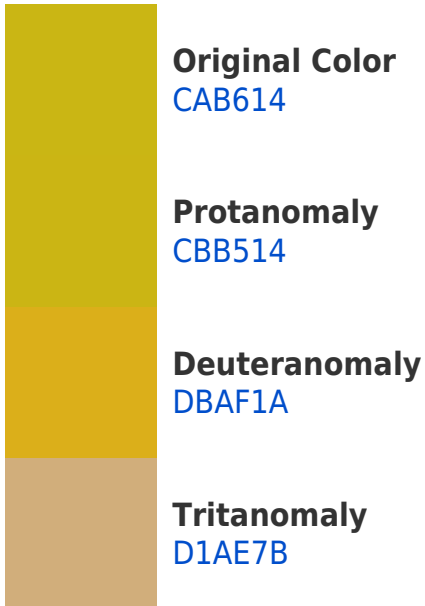
Protanopia
CCB514

Deuteranopia
E4AB1E

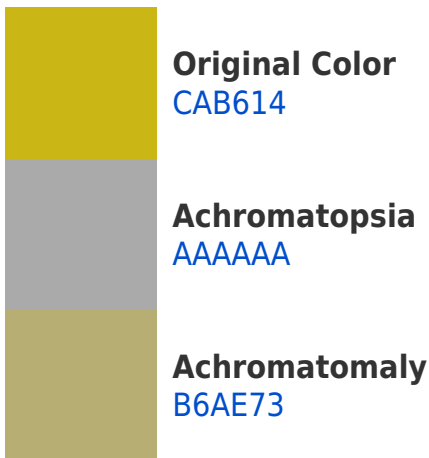


Tritanopia
D5A9B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CAB614 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 #CAB614 looks like.

```
.text, #text, p{  
    color:#CAB614  
}
```

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 #CAB614 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CAB614
}
```

Border

The CSS property to change the border of an element to Hex CAB614 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
#CAB614 }
```

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

```
.border{ border-color:#CAB614 }
```

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

Here you see how a box with a 4 pixel #CAB614 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CAB614; -webkit-box-shadow:4px 4px  
4px 4px #CAB614; box-shadow:4px 4px 4px  
4px #CAB614 }
```

Background

The CSS property to change the background color of an element to Hex CAB614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CAB614 }
```

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

```
.background{ background-color:#CAB614 }
```

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