

Converting Colors

Hex(CAB75A)

Have a look what the booklet for
Hex(CAB75A) contains.

Hex(CAB75A)	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(CAB75A)

Conversions

Conversions Part 1

Format	Color
Hex	CAB75A
RGB	202, 183, 90
RGB Percent	79%, 72%, 35%
CMY	0.2078, 0.2824, 0.6471
CMYK	0.00, 0.09, 0.55, 0.21
HSL	50°, 51%, 57%
HSV	50°, 55%, 79%
XYZ	43.1361, 47.1617, 16.5025
YIQ	178.0790, 41.1770, -24.8950

Conversions

Conversions Part 2

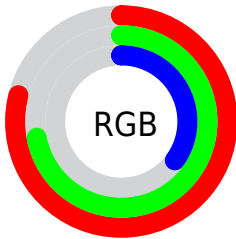
Format	Color
RYB	113, 202, 90
Decimal	13285210
CIELab	74.29, -4.95, 49.04
CIELCh	74, 49.294, 95.767
Yxy	47.1617, 0.4039, 0.4416
Android (android.graphics.Color)	4291475290 (0xFFCAB75A)
YUV	178.0790, -43.4229, 20.9787
Hunter-Lab	68.6744, -8.0599, 33.8247

Details

The Hex color **CAB75A** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted orange. A complement of this color would be **5A6DCA**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **FFEF8F**, and **918227** is the 20% darker color. If you saturate the color by 10%, you get **CAB446**, and if you desaturate by 10%, it is **CABA6E**.

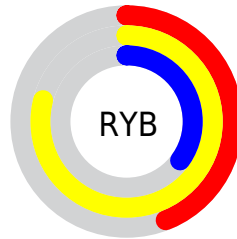
Distribution



Red (79%)

Green (72%)

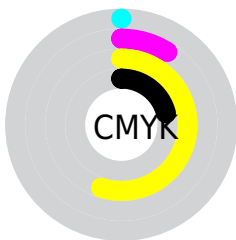
Blue (35%)



Red (44%)

Yellow (79%)

Blue (35%)

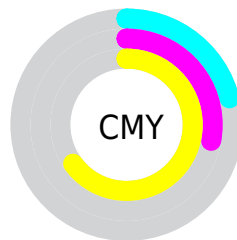


Cyan (0%)

Magenta (9%)

Yellow (55%)

Black (21%)



Cyan (21%)

Magenta (28%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color CAB75A 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 CAB75A by changing the saturation by 10% instead.

 CAB75A

FFFFFF

 FFEF8F

 FFFFFA

 FFFFC6

 FFFFE2

 CAB75A

 AD9C40

 918227

 766907

 5B5100

 423B00

 282500

 0B1100

 000000

 CAB75A

 CAB75A

 CAB446

 CABA6E

 CAB032

 CABE82

 CAAD1D

 CAC197

 CAA909

 CAC5AB

 CAA800

 CAC8BF

 CACCD3

 CACFE7

 CAD2FC

 CAD6FF

Harmonies

Analogous

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



F0A764



CAB75A



9AC36B

Triad

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



CAB75A



00CCEA



F698DD

Complementary

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



CAB75A



5A6DCA

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.



C6A7FF



CAB75A



00C5FF

Square

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



CAB75A



00CEBE



7CB8FF



FF91B0

Rectangle

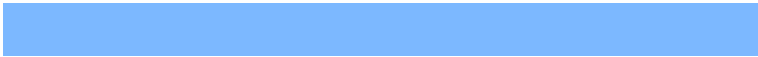
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



CAB75A



74C982



7CB8FF



E99CEA

Sweetspot

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



CAB75A



FFF8D4



CA5A6F



807B66



000000



808080

Same Dimension

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



CAB75A



FFE254



A7CA5A



66645C



A68A00



262000

Inverse Universe

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



5A6DCA



5471FF



7D5ACA



5C5E66



001CA6



000626

Previews

White Background



This preview shows how the Hex color CAB75A looks on a white background.

Color Contrast Check

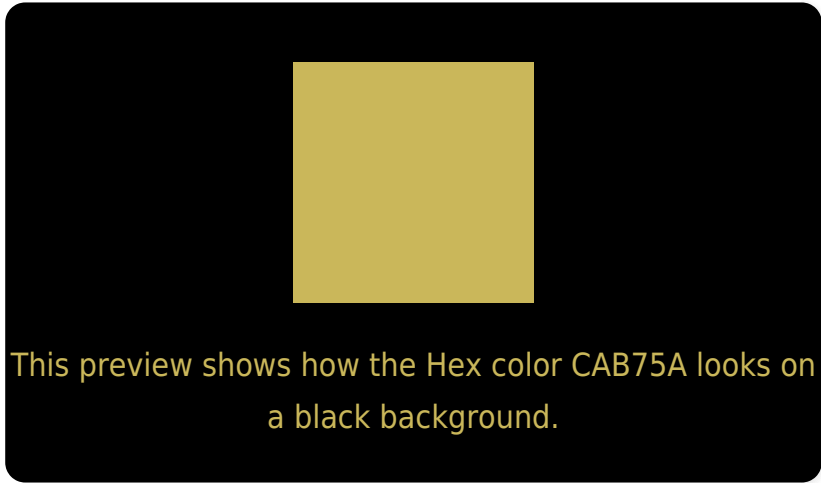
Large Text (above 18pt) WCAG AA × Fail

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 CAB75A Background



This preview shows how black text looks on a background with the Hex color CAB75A.



This preview shows how white text looks on a background with the Hex color CAB75A.

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

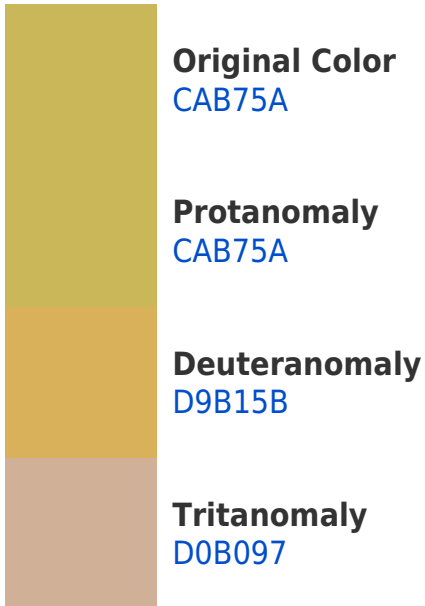


Original Color
CAB75A

Protanopia
CAB75A

Deuteranopia
E1AE5C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CAB75A 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 #CAB75A looks like.

```
.text, #text, p{  
    color:#CAB75A  
}
```

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 #CAB75A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CAB75A
}
```

Border

The CSS property to change the border of an element to Hex CAB75A 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
#CAB75A }
```

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

```
.border{ border-color:#CAB75A }
```

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

Here you see how a box with a 4 pixel #CAB75A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CAB75A; -webkit-box-shadow:4px 4px  
4px 4px #CAB75A; box-shadow:4px 4px 4px  
4px #CAB75A }
```

Background

The CSS property to change the background color of an element to Hex CAB75A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CAB75A }
```

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

```
.background{ background-color:#CAB75A }
```

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