

# Converting Colors

Hex(CBB489)

Have a look what the booklet for  
Hex(CBB489) contains.

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**Color**

**Hex(CBB489)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CBB489
RGB	203, 180, 137
RGB Percent	80%, 71%, 54%
CMY	0.2039, 0.2941, 0.4627
CMYK	0.00, 0.11, 0.33, 0.20
HSL	39°, 39%, 67%
HSV	39°, 33%, 80%
XYZ	45.4652, 47.1452, 30.3706
YIQ	181.9750, 27.5110, -8.4970

# Conversions

## Conversions Part 2

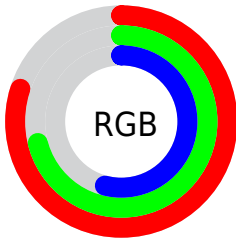
Format	Color
<a href="#">RYB</a>	<a href="#">172, 203, 137</a>
Decimal	<a href="#">13350025</a>
CIELab	<a href="#">74.28, 1.89, 24.98</a>
CIELCh	<a href="#">74, 25.055, 85.680</a>
Yxy	<a href="#">47.1452, 0.3697, 0.3834</a>
Android (android.graphics.Color)	<a href="#">4291540105 (0xFFCBB489)</a>
YUV	<a href="#">181.9750, -22.1727, 18.4389</a>
Hunter-Lab	<a href="#">68.6623, -1.9642, 21.8386</a>

# Details

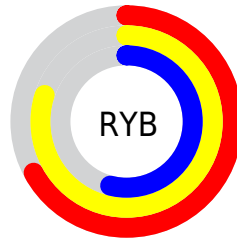
The Hex color **CBB489** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **89A0CB**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **FFECBF**, and **947F57** is the 20% darker color. If you saturate the color by 10%, you get **CBAD75**, and if you desaturate by 10%, it is **CBBB9D**.

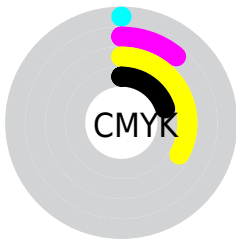
# Distribution



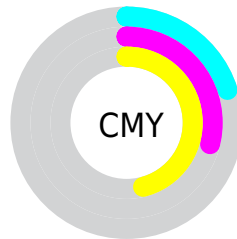
- Red (80%)
- Green (71%)
- Blue (54%)



- Red (67%)
- Yellow (80%)
- Blue (54%)



- Cyan (0%)
- Magenta (11%)
- Yellow (33%)
- Black (20%)



- Cyan (20%)
- Magenta (29%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CBB489 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 CBB489 by changing the saturation by 10% instead.



 CBB489

 CBB489

FFFFFF

 AF996F

 FFECBF

 947F57

 FFFFDB

 79663F

 FFFFF7

 604E28

 473813

 302200

 170D00

 000000

 CBB489

 CBB489

 CBAD75

 CBBB9D

 CBA660

 CBC2B2

 CB9F4C

 CBC9C6

 CB9838

 CBD0DA

 CB9124

 CBD7EF

 CB8A0F

 CBDEFF

 CB8400

 CBE6FF

 CBEDFF

 CBF4FF

# Harmonies

## Analogous

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



DDAC92



CBB489



B3BB8D

# Triad

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



CBB489



74C3CA



D1ABD1

# Complementary

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



CBB489



89A0CB

# 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.



B6B2E0



CBB489



7CC0DC

# Square

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



CBB489



81C4B2



96BAE4



E2A6BB

# Rectangle

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



CBB489



A1BF96



96BAE4



C9ADD7



# Sweetspot

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



CBB489



FFF6E6



CB89A0



807A70



000000



808080



# Same Dimension

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



CBB489



FFDC9C



C1CB89



66625C



A66C00



261900



# Inverse Universe

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



89A0CB



9CBEFF



9389CB



5C5F66



003AA6

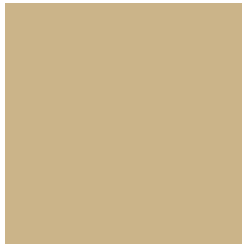


000D26



# Previews

## White Background



This preview shows how the Hex color CBB489 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



This preview shows how the Hex color CBB489 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

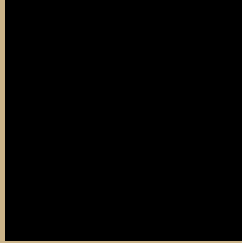
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CBB489 Background



This preview shows how black text looks on a background with the Hex color CBB489.

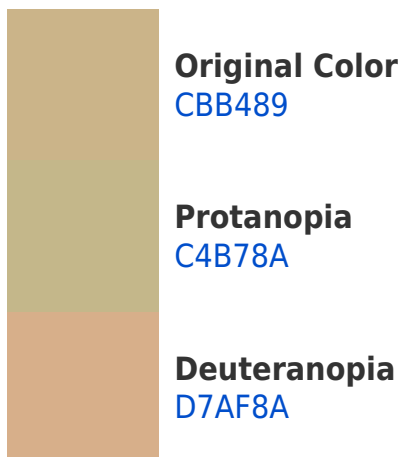


This preview shows how white text looks on a background with the Hex color CBB489.

# Color Blindness Simulation

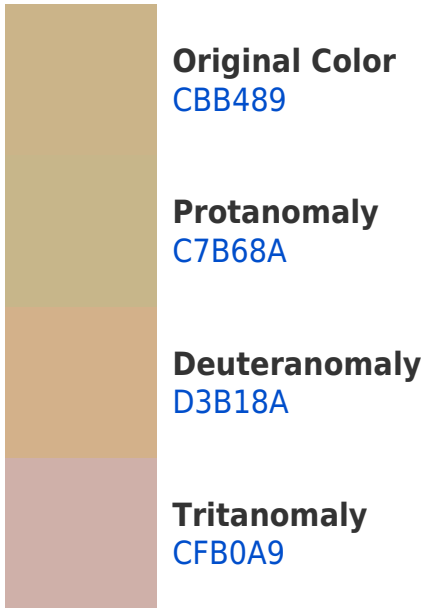
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

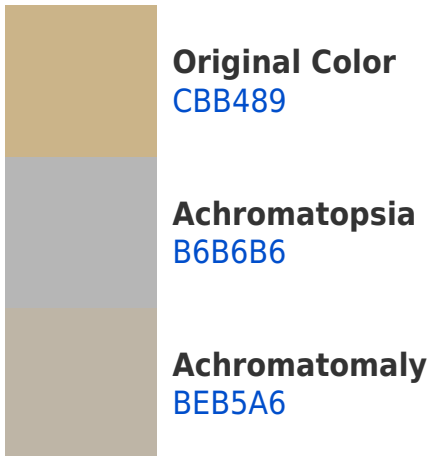




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CBB489 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 #CBB489 looks like.

```
.text, #text, p{  
    color:#CBB489  
}
```

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 #CBB489 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CBB489
}
```

## Border

The CSS property to change the border of an element to Hex CBB489 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
#CBB489 }
```

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

```
.border{ border-color:#CBB489 }
```

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

Here you see how a box with a 4 pixel #CBB489 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CBB489; -webkit-box-shadow:4px 4px  
4px 4px #CBB489; box-shadow:4px 4px 4px  
4px #CBB489 }
```

# Background

The CSS property to change the background color of an element to Hex CBB489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CBB489 }
```

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

```
.background{ background-color:#CBB489 }
```

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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