

Converting Colors

Hex(CCB389)

Have a look what the booklet for
Hex(CCB389) contains.

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Color

Hex(CCB389)

Conversions

Conversions Part 1

Format	Color
Hex	CCB389
RGB	204, 179, 137
RGB Percent	80%, 70%, 54%
CMY	0.2000, 0.2980, 0.4627
CMYK	0.00, 0.12, 0.33, 0.20
HSL	38°, 40%, 67%
HSV	38°, 33%, 80%
XYZ	45.5373, 46.8837, 30.3163
YIQ	181.6870, 28.3820, -7.7620

Conversions

Conversions Part 2

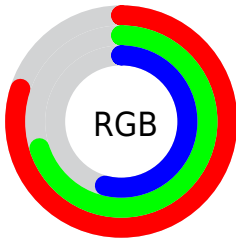
Format	Color
RYB	177, 204, 137
Decimal	13415305
CIELab	74.12, 2.81, 24.77
CIELCh	74, 24.933, 83.518
Yxy	46.8837, 0.3710, 0.3820
Android (android.graphics.Color)	4291605385 (0xFFCCB389)
YUV	181.6870, -22.0307, 19.5685
Hunter-Lab	68.4717, -1.1135, 21.6791

Details

The Hex color **CCB389** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **89A2CC**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **FFEBBF**, and **957E57** is the 20% darker color. If you saturate the color by 10%, you get **CCAB75**, and if you desaturate by 10%, it is **CCBB9D**.

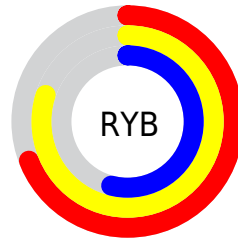
Distribution



Red (80%)

Green (70%)

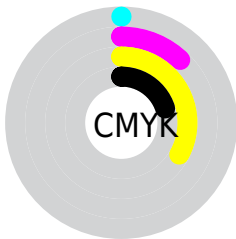
Blue (54%)



Red (69%)

Yellow (80%)

Blue (54%)

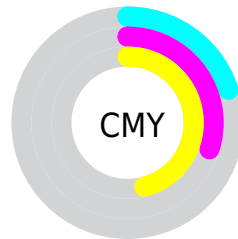


Cyan (0%)

Magenta (12%)

Yellow (33%)

Black (20%)



Cyan (20%)

Magenta (30%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color CCB389 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 CCB389 by changing the saturation by 10% instead.

 CCB389

 CCB389

FFFFFF

 B0986F

 FFEBBF

 957E57

 FFFFDB

 7A653F

 FFFFF7

 614E28

 483713

 312200

 180C00

 000000

 CCB389

 CCB389

 CCAB75

 CCBB9D

 CCA460

 CCC2B2

 CC9C4C

 CCCAC6

 CC9537

 CCD1DB

 CC8D23

 CCD9EF

 CC850F

 CCE1FF

 CC8000

 CCE8FF

 CCF0FF

 CCF8FF

Harmonies

Analogous

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



DEAC92



CCB389



B4BA8C

Triad

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



CCB389



75C3C8



CFABD2

Complementary

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



CCB389



89A2CC

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.



B3B2E0



CCB389



7BC0DA

Square

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



CCB389



82C3B0



94BAE3



E0A6BC

Rectangle

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



CCB389



A3BE94



94BAE3



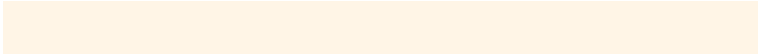
C7ADD8

Sweetspot

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



CCB389



FFF5E6



CC89A3



807A70



000000



808080

Same Dimension

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



CCB389



FFDA9C



C4CC89



66625C



A66800



261800

Inverse Universe

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



89A2CC



9CC1FF



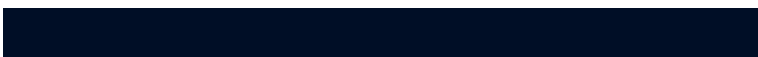
9189CC



5C6066



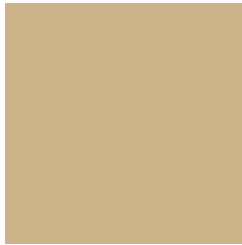
003EA6



000E26

Previews

White Background



This preview shows how the Hex color CCB389 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 CCB389 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

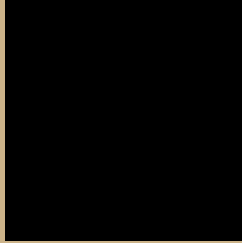
Any Text WCAG AA ✓ Pass

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 CCB389 Background



This preview shows how black text looks on a background with the Hex color CCB389.

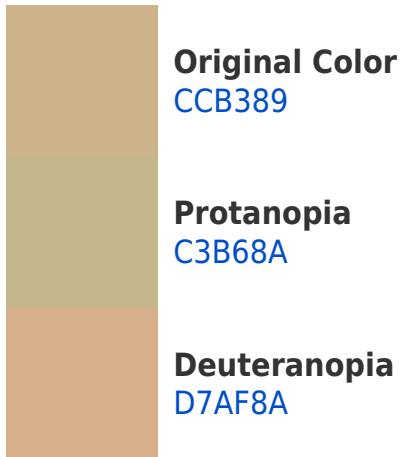


This preview shows how white text looks on a background with the Hex color CCB389.

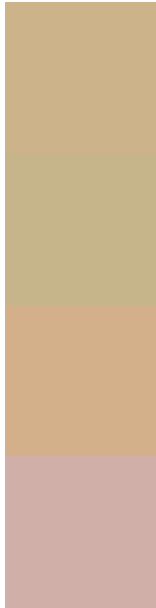
Color Blindness Simulation

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



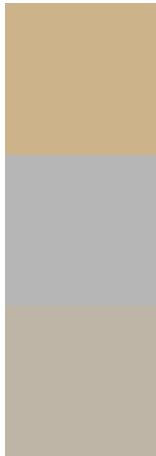
Original Color
CCB389

Protanomaly
C6B58A

Deuteranomaly
D3B08A

Tritanomaly
CFAFA8

Monochromacy



Original Color
CCB389

Achromatopsia
B6B6B6

Achromatomaly
BEB5A6

CSS Examples

Text

The CSS property to change the color of the text to Hex CCB389 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 #CCB389 looks like.

```
.text, #text, p{  
    color:#CCB389  
}
```

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 #CCB389 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCB389
}
```

Border

The CSS property to change the border of an element to Hex CCB389 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
#CCB389 }
```

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

```
.border{ border-color:#CCB389 }
```

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

Here you see how a box with a 4 pixel #CCB389 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCB389; -webkit-box-shadow:4px 4px  
4px 4px #CCB389; box-shadow:4px 4px 4px  
4px #CCB389 }
```

Background

The CSS property to change the background color of an element to Hex CCB389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCB389 }
```

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

```
.background{ background-color:#CCB389 }
```

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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