

Converting Colors

Hex(CCBA00)

Have a look what the booklet for
Hex(CCBA00) contains.

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Color

Hex(CCBA00)

Conversions

Conversions Part 1

Format	Color
Hex	CCBA00
RGB	204, 186, 0
RGB Percent	80%, 73%, 0%
CMY	0.2000, 0.2706, 1.0000
CMYK	0.00, 0.09, 1.00, 0.20
HSL	55°, 100%, 40%
HSV	55°, 100%, 80%
XYZ	42.4607, 47.9552, 7.0184
YIQ	170.1780, 70.4340, -54.0300

Conversions

Conversions Part 2

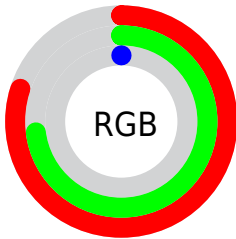
Format	Color
RYB	20, 204, 0
Decimal	13416960
CIELab	74.80, -9.14, 76.36
CIELCh	75, 76.901, 96.825
Yxy	47.9552, 0.4358, 0.4922
Android (android.graphics.Color)	4291607040 (0xFFCCBA00)
YUV	170.1780, -83.8978, 29.6619
Hunter-Lab	69.2497, -11.7389, 42.4658

Details

The Hex color **CCBA00** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as dark washed orange. A complement of this color would be **0012CC**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **FFF251**, and **918500** is the 20% darker color. If you saturate the color by 10%, you get **CCBA00**, and if you desaturate by 10%, it is **CCBC14**.

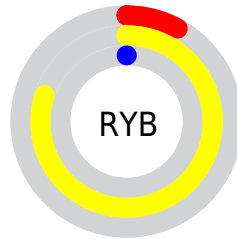
Distribution



Red (80%)

Green (73%)

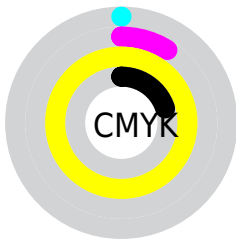
Blue (0%)



Red (8%)

Yellow (80%)

Blue (0%)

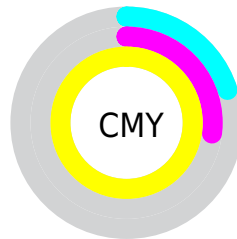


Cyan (0%)

Magenta (9%)

Yellow (100%)

Black (20%)



Cyan (20%)

Magenta (27%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color CCBA00 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 CCBA00 by changing the saturation by 10% instead.

 CCBA00

 CCBA00

FFFFFF

 AE9F00

 FFF251

 918500

 FFFF6E

 756C00

 FFFF8B

 585400


 FFFFA7

 3D3E00

 FFFFC4

 242800

 FFFF E2

 031400

 000000

 CCBA00

 CCBC14

 CCBE29

 CCBF3D

 CCC152

 CCC366

 CCC57A

 CCC78F

 CCC8A3

 CCCAB8

Harmonies

Analogous

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



FFA02C



CCBA00



81CC3A

Triad

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



CCBA00



00D7FF



FF7EF1

Complementary

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



CCBA00



0012CC

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.



CF9EFF



CCBA00



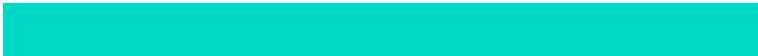
00CEFF

Square

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



CCBA00



00D9C7



00BBFF



FF71AB

Rectangle

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



CCBA00



29D366



00BBFF



FF88FF

Sweetspot

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



CCBA00



FFF8B3



CC0014



807B52



000000



808080

Same Dimension

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



CCBA00



FFE800



7ACC00



66655C



A69700



262300

Inverse Universe

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



0012CC



0017FF



5200CC



5C5D66



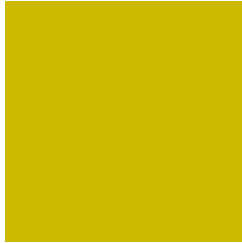
000FA6



000326

Previews

White Background



This preview shows how the Hex color CCBA00 looks on a white background.

Color Contrast Check

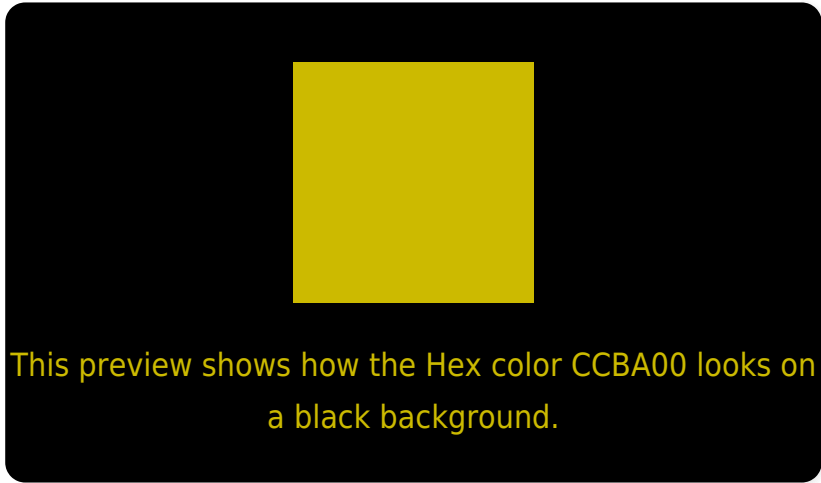
Large Text (above 18pt) WCAG AA × Fail

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 CCBA00 Background



This preview shows how black text looks on a background with the Hex color CCBA00.

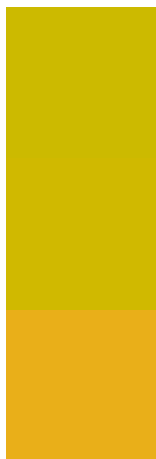


This preview shows how white text looks on a background with the Hex color CCBA00.

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

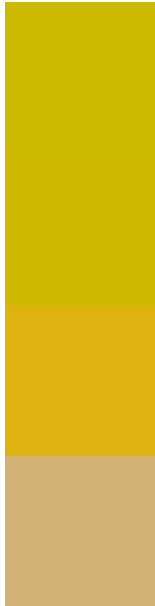


Original Color
CCBA00

Protanopia
D0B900

Deuteranopia
E9AF19

Trichromacy



Original Color
CCBA00

Protanomaly
CFB900

Deuteranomaly
DEB310

Tritanomaly
D3B276

Monochromacy



Original Color
CCBA00

Achromatopsia
AAAAAA

Achromatomaly
B6B06C

CSS Examples

Text

The CSS property to change the color of the text to Hex CCBA00 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 #CCBA00 looks like.

```
.text, #text, p{  
    color:#CCBA00  
}
```

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 #CCBA00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCBA00  
}
```

Border

The CSS property to change the border of an element to Hex CCBA00 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  
#CCBA00 }
```

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

```
.border{ border-color:#CCBA00 }
```

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

Here you see how a box with a 4 pixel #CCBA00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCBA00; -webkit-box-shadow:4px 4px  
4px 4px #CCBA00; box-shadow:4px 4px 4px  
4px #CCBA00 }
```

Background

The CSS property to change the background color of an element to Hex CCBA00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCBA00 }
```

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

```
.background{ background-color:#CCBA00 }
```

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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