

Converting Colors

Hex(CCA818)

Have a look what the booklet for
Hex(CCA818) contains.

Hex(CCA818)	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(CCA818)

Conversions

Conversions Part 1

Format	Color
Hex	CCA818
RGB	204, 168, 24
RGB Percent	80%, 66%, 9%
CMY	0.2000, 0.3412, 0.9059
CMYK	0.00, 0.18, 0.88, 0.20
HSL	48°, 79%, 45%
HSV	48°, 88%, 80%
XYZ	39.0693, 40.9086, 6.7011
YIQ	162.3480, 67.6800, -37.1520

Conversions

Conversions Part 2

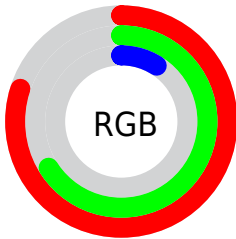
Format	Color
RYB	69, 204, 24
Decimal	13412376
CIELab	70.11, 0.59, 69.51
CIELCh	70, 69.508, 89.510
Yxy	40.9086, 0.4507, 0.4720
Android (android.graphics.Color)	4291602456 (0xFFCCA818)
YUV	162.3480, -68.2056, 36.5288
Hunter-Lab	63.9598, -2.8944, 38.5600

Details

The Hex color **CCA818** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **183CCC**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **FFDF57**, and **917400** is the 20% darker color. If you saturate the color by 10%, you get **CCA404**, and if you desaturate by 10%, it is **CCAC2C**.

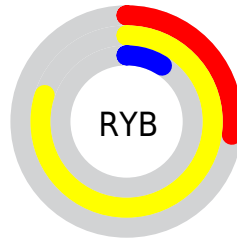
Distribution



Red (80%)

Green (66%)

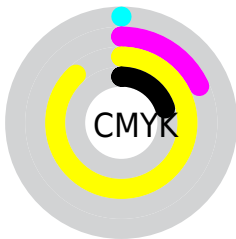
Blue (9%)



Red (27%)

Yellow (80%)

Blue (9%)

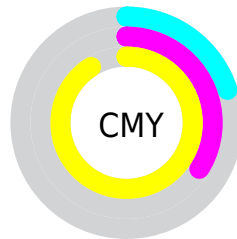


Cyan (0%)

Magenta (18%)

Yellow (88%)

Black (20%)



Cyan (20%)

Magenta (34%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color CCA818 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 CCA818 by changing the saturation by 10% instead.

 CCA818

 CCA818

FFFFFF

 AE8E00

 FFDF57

 917400

 FFFB72

 755C00

 FFFF8E

 584500

 FFFFAA

 3E2F00

 FFFFC7

 251B00

 FFFF8E

 020000

 000000

 CCA818

 CCA818

■ CCA404

■ CCAC2C

■ CCA300

■ CCB041

■ CCB455

■ CCB86A

■ CCBC7E

■ CCC092

■ CCC5A7

■ CCC9BB

■ CCCDD0

Harmonies

Analogous

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



FD8F3C



CCA818



8DBA31

Triad

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



CCA818



00C9E8



F67FEC

Complementary

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



CCA818



183CCC

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.



A89BFF



CCA818



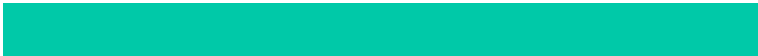
00C2FF

Square

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



CCA818



00C9A8



00B3FF



FF6EAF

Rectangle

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



CCA818



55C154



00B3FF



E288FE

Sweetspot

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



CCA818



FFF2BD



CC183C



807858



000000



808080

Same Dimension

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



CCA818



FFCC00



96CC18



66645C



A68500



261F00

Inverse Universe

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



183CCC



0033FF



4E18CC



5C5E66



0021A6



000826

Previews

White Background



This preview shows how the Hex color CCA818 looks on a white background.

Color Contrast Check

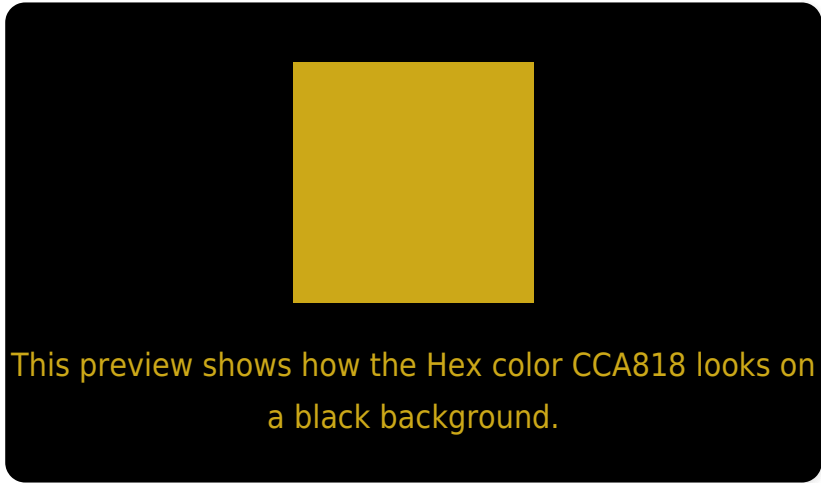
Large Text (above 18pt) WCAG AA × Fail

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 CCA818 Background



This preview shows how black text looks on a background with the Hex color CCA818.

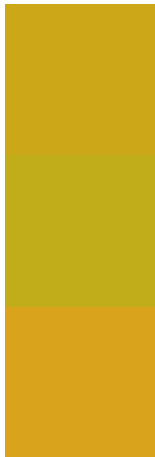


This preview shows how white text looks on a background with the Hex color CCA818.

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
CCA818

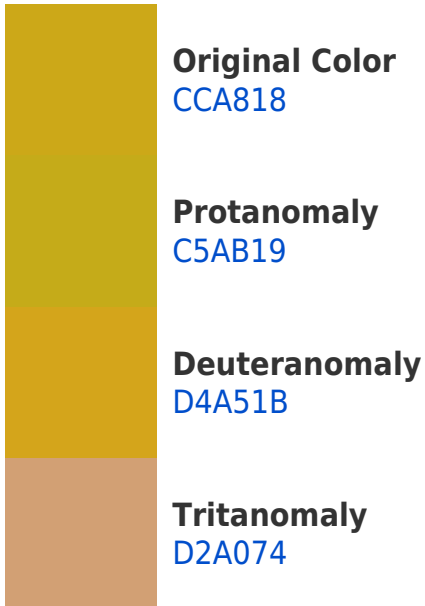
Protanopia
C1AC19

Deuteranopia
D9A31C

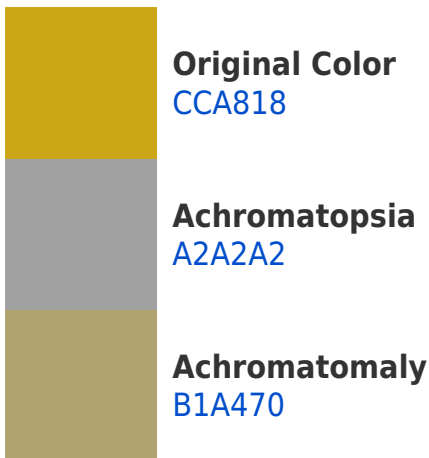


Tritanopia
D59CA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CCA818 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 #CCA818 looks like.

```
.text, #text, p{  
    color:#CCA818  
}
```

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 #CCA818 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCA818
}
```

Border

The CSS property to change the border of an element to Hex CCA818 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
#CCA818 }
```

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

```
.border{ border-color:#CCA818 }
```

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

Here you see how a box with a 4 pixel #CCA818 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCA818; -webkit-box-shadow:4px 4px  
4px 4px #CCA818; box-shadow:4px 4px 4px  
4px #CCA818 }
```

Background

The CSS property to change the background color of an element to Hex CCA818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCA818 }
```

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

```
.background{ background-color:#CCA818 }
```

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