

Converting Colors

Hex(C48900)

Have a look what the booklet for
Hex(C48900) contains.

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Color

Hex(C48900)

Conversions

Conversions Part 1

Format	Color
Hex	C48900
RGB	196, 137, 0
RGB Percent	77%, 54%, 0%
CMY	0.2314, 0.4627, 1.0000
CMYK	0.00, 0.30, 1.00, 0.23
HSL	42°, 100%, 38%
HSV	42°, 100%, 77%
XYZ	31.7106, 29.6271, 4.0473
YIQ	139.0230, 79.1410, -30.0990

Conversions

Conversions Part 2

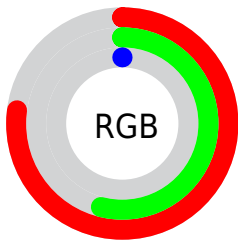
Format	Color
R_{YB}	84, 196, 0
Decimal	12880128
CIE _{Lab}	61.33, 13.46, 66.58
CIE _{LCh}	61, 67.930, 78.571
Yxy	29.6271, 0.4850, 0.4531
Android (android.graphics.Color)	4291070208 (0xFFC48900)
YUV	139.0230, -68.5383, 49.9688
Hunter-Lab	54.4308, 8.7378, 33.6930

Details

The Hex color **C48900** 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 **003BC4**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **FFBE47**, and **895700** is the 20% darker color. If you saturate the color by 10%, you get **C48900**, and if you desaturate by 10%, it is **C48F14**.

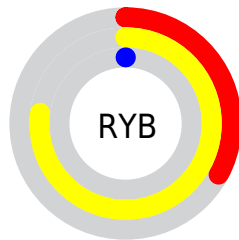
Distribution



Red (77%)

Green (54%)

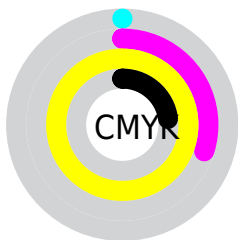
Blue (0%)



Red (33%)

Yellow (77%)

Blue (0%)

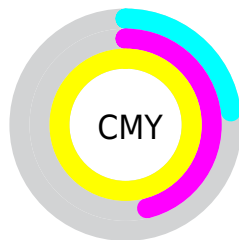


Cyan (0%)

Magenta (30%)

Yellow (100%)

Black (23%)



Cyan (23%)

Magenta (46%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color C48900 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 C48900 by changing the saturation by 10% instead.

 C48900

 C48900

FFFFFF

 A67000

 FFBE47

 895700

 FFDA62

 6C4000

 FFF67E

 502A00

 FFFF99

 351600

 FFFFFB5

 1E0000

 FFFFFD2

 000000

 FFFFFEF

 C48900

 C48F14

 C49527

 C49B3B

 C4A14E

 C4A762

 C4AC76

 C4B289

 C4B89D

 C4BEB0

Harmonies

Analogous

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



EC6F3A



C48900



8E9C00

Triad

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



C48900



00B0B9



C572E4

Complementary

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



C48900



003BC4

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.



628EFF



C48900



00ACED

Square

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



C48900



00AE7A



00A2FF



F45AAE

Rectangle

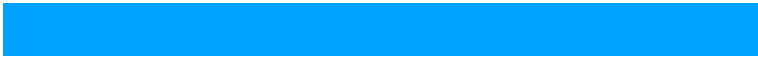
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C48900



60A52B



00A2FF



AC7CF3

Sweetspot

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



C48900



FFE8B3



C4003E



807252



000000



808080

Same Dimension

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



C48900



FFB200



A0C400



615E57



A17000



211700

Inverse Universe

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



003BC4



004DFF



2400C4



575A61



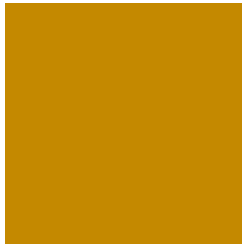
0030A1



000A21

Previews

White Background



This preview shows how the Hex color C48900 looks on a white background.

Color Contrast Check

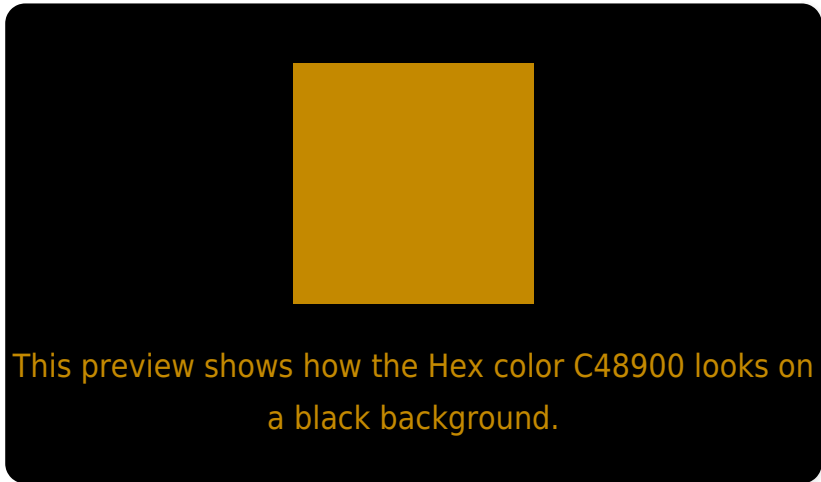
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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

Hex C48900 Background



This preview shows how black text looks on a background with the Hex color C48900.



This preview shows how white text looks on a background with the Hex color C48900.

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
C48900

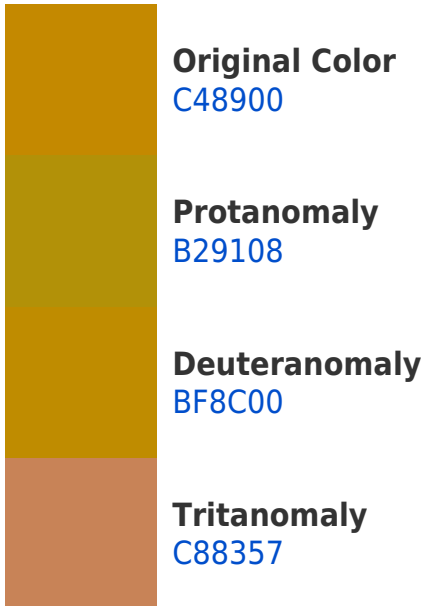
Protanopia
A8950C

Deuteranopia
BC8D00

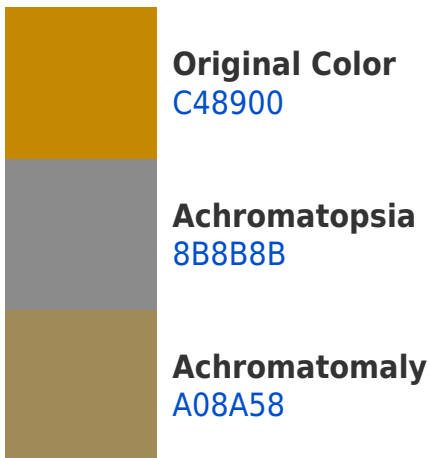


Tritanopia
CA7F89

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C48900 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 #C48900 looks like.

```
.text, #text, p{  
    color:#C48900  
}
```

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 #C48900 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C48900
}
```

Border

The CSS property to change the border of an element to Hex C48900 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
#C48900 }
```

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

```
.border{ border-color:#C48900 }
```

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

Here you see how a box with a 4 pixel #C48900 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C48900; -webkit-box-shadow:4px 4px  
4px 4px #C48900; box-shadow:4px 4px 4px  
4px #C48900 }
```

Background

The CSS property to change the background color of an element to Hex C48900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C48900 }
```

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

```
.background{ background-color:#C48900 }
```

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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