

Converting Colors

Hex(CB9727)

Have a look what the booklet for
Hex(CB9727) contains.

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Color

Hex(CB9727)

Conversions

Conversions Part 1

Format	Color
Hex	CB9727
RGB	203, 151, 39
RGB Percent	80%, 59%, 15%
CMY	0.2039, 0.4078, 0.8471
CMYK	0.00, 0.26, 0.81, 0.20
HSL	41°, 68%, 47%
HSV	41°, 81%, 80%
XYZ	36.0614, 34.9762, 6.7699
YIQ	153.7800, 66.9440, -23.8080

Conversions

Conversions Part 2

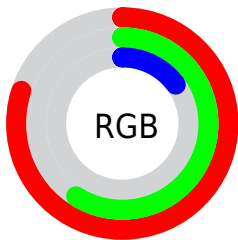
Format	Color
RYB	115, 203, 39
Decimal	13342503
CIELab	65.73, 9.68, 61.68
CIElCh	66, 62.437, 81.077
Yxy	34.9762, 0.4635, 0.4495
Android (android.graphics.Color)	4291532583 (0xFFCB9727)
YUV	153.7800, -56.5865, 43.1659
Hunter-Lab	59.1407, 5.3453, 34.6115

Details

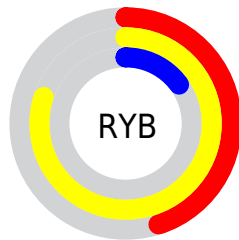
The Hex color **CB9727** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark muted orange. A complement of this color would be **275BCB**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **FFCD5E**, and **906400** is the 20% darker color. If you saturate the color by 10%, you get **CB9113**, and if you desaturate by 10%, it is **CB9D3B**.

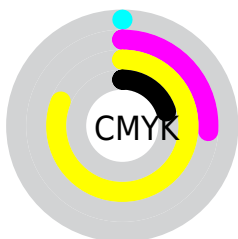
Distribution



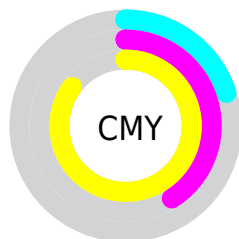
- Red (80%)
- Green (59%)
- Blue (15%)



- Red (45%)
- Yellow (80%)
- Blue (15%)



- Cyan (0%)
- Magenta (26%)
- Yellow (81%)
- Black (20%)



- Cyan (20%)
- Magenta (41%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color CB9727 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 CB9727 by changing the saturation by 10% instead.

 CB9727

 CB9727

FFFFFF

 AD7D00

 FFCD5E

 906400

 FFE979

 744D00

 FFFF94

 573600

 FFFF80

 3D2100

 FFFFCC

 240C00

 FFFF99

 000000

 CB9727

 CB9727

 CB9113

 CB9D3B

 CB8B00

 CBA450

 CBAA64

 CBB178

 CBB78D

 CBBEA1

 CBC4B5

 CBCAC9

 CBD1DE

Harmonies

Analogous

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



F28149



CB9727



97A92C

Triad

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



CB9727



00BAC6



D380E7

Complementary

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



CB9727



275BCB

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.



8298FF



CB9727



00B6F6

Square

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



CB9727



00B98C



00ABFF



FD6DB3

Rectangle

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



CB9727



6CB145



00ABFF



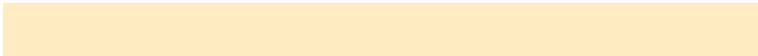
BD88F5

Sweetspot

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



CB9727



FFECC2



CB275E



80745B



000000



808080

Same Dimension

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



CB9727



FFB108



B0CB27



66635C



A67100



261A00

Inverse Universe

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



275BCB



0856FF



4227CB



5C5F66



0035A6



000C26

Previews

White Background



This preview shows how the Hex color CB9727 looks on a white background.

Color Contrast Check

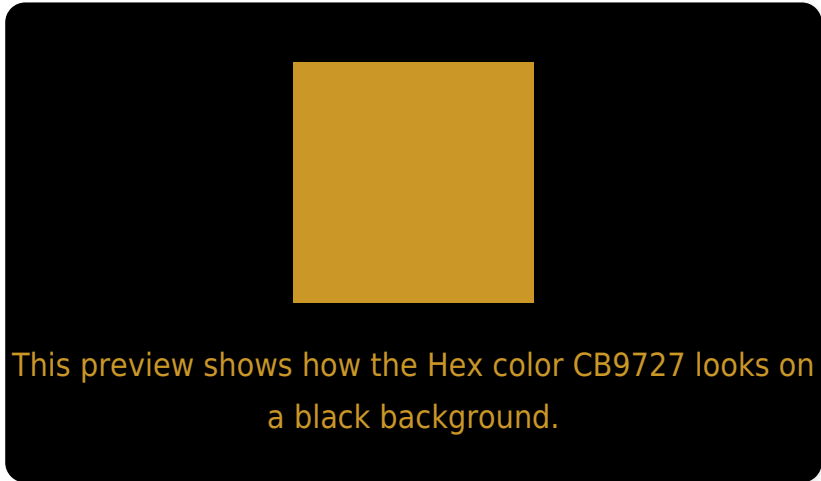
Large Text (above 18pt) WCAG AA × Fail

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 CB9727 Background



This preview shows how black text looks on a background with the Hex color CB9727.



This preview shows how white text looks on a background with the Hex color CB9727.

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
CB9727

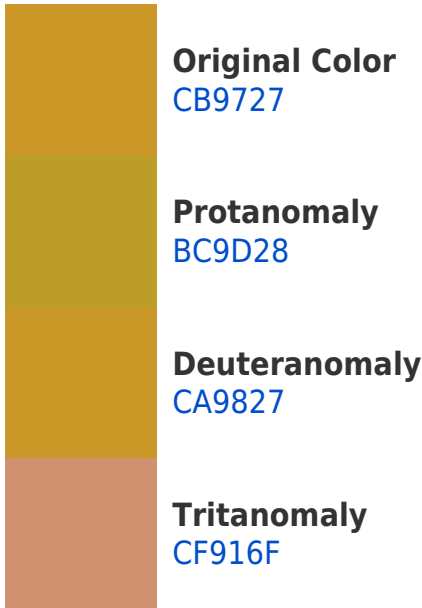
Protanopia
B4A029

Deuteranopia
C99827

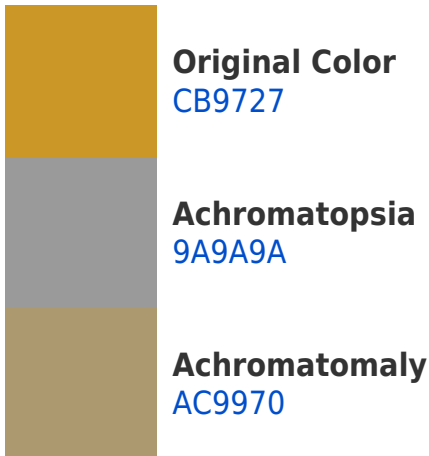


Tritanopia
D28D98

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CB9727 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 #CB9727 looks like.

```
.text, #text, p{  
    color:#CB9727  
}
```

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 #CB9727 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB9727
}
```

Border

The CSS property to change the border of an element to Hex CB9727 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
#CB9727 }
```

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

```
.border{ border-color:#CB9727 }
```

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

Here you see how a box with a 4 pixel #CB9727 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB9727; -webkit-box-shadow:4px 4px  
4px 4px #CB9727; box-shadow:4px 4px 4px  
4px #CB9727 }
```

Background

The CSS property to change the background color of an element to Hex CB9727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB9727 }
```

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

```
.background{ background-color:#CB9727 }
```

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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