

Converting Colors

Hex(C79500)

Have a look what the booklet for
Hex(C79500) contains.

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Color

Hex(C79500)

Conversions

Conversions Part 1

Format	Color
Hex	C79500
RGB	199, 149, 0
RGB Percent	78%, 58%, 0%
CMY	0.2196, 0.4157, 1.0000
CMYK	0.00, 0.25, 1.00, 0.22
HSL	45°, 100%, 39%
HSV	45°, 100%, 78%
XYZ	34.3006, 33.6370, 4.6848
YIQ	146.9640, 77.6290, -35.7390

Conversions

Conversions Part 2

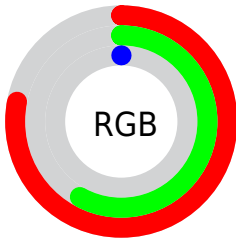
Format	Color
RYB	67, 199, 0
Decimal	13079808
CIELab	64.67, 8.25, 69.01
CIELCh	65, 69.502, 83.184
Yxy	33.6370, 0.4723, 0.4632
Android (android.graphics.Color)	4291269888 (0xFFC79500)
YUV	146.9640, -72.4533, 45.6356
Hunter-Lab	57.9974, 4.0724, 35.8090

Details

The Hex color **C79500** 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 **0032C7**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **FFCB4A**, and **8C6300** is the 20% darker color. If you saturate the color by 10%, you get **C79500**, and if you desaturate by 10%, it is **C79A14**.

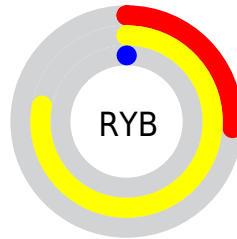
Distribution



Red (78%)

Green (58%)

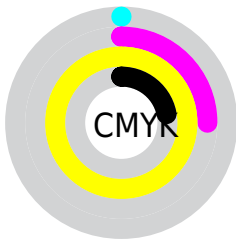
Blue (0%)



Red (26%)

Yellow (78%)

Blue (0%)

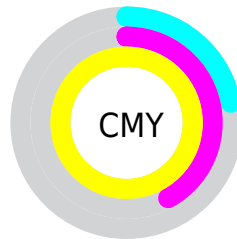


Cyan (0%)

Magenta (25%)

Yellow (100%)

Black (22%)



Cyan (22%)

Magenta (42%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color C79500 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 C79500 by changing the saturation by 10% instead.

 C79500

 C79500

FFFFFF

 A97B00

 FFCB4A

 8C6300

 FFE765

 6F4B00

 FFFF81

 533500

 FFFF9D

 382000

 FFFFFB9

 200A00

 FFFFFD6

 000000

 FFFFF3

 C79500

 C79A14

 C79F28

 C7A43C

 C7A950

 C7AE64

 C7B377

 C7B88B

 C7BD9F

 C7C2B3

Harmonies

Analogous

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



F37B38



C79500



8CA813

Triad

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



C79500



00BACC



DA76E8

Complementary

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



C79500



0032C7

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.



8092FF



C79500



00B5FF

Square

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



C79500



00B98C



00A8FF



FF60AE

Rectangle

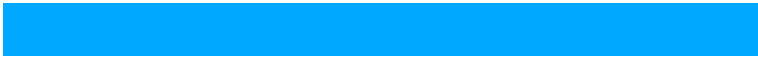
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C79500



5AB03A



00A8FF



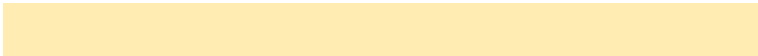
C280F8

Sweetspot

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



C79500



FFECB3



C70035



807452



000000



808080

Same Dimension

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



C79500



FFBF00



99C700



63615A



A37A00



241B00

Inverse Universe

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



0032C7



0040FF



2E00C7



5A5C63



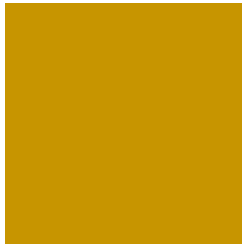
0029A3



000924

Previews

White Background



This preview shows how the Hex color C79500 looks on a white background.

Color Contrast Check

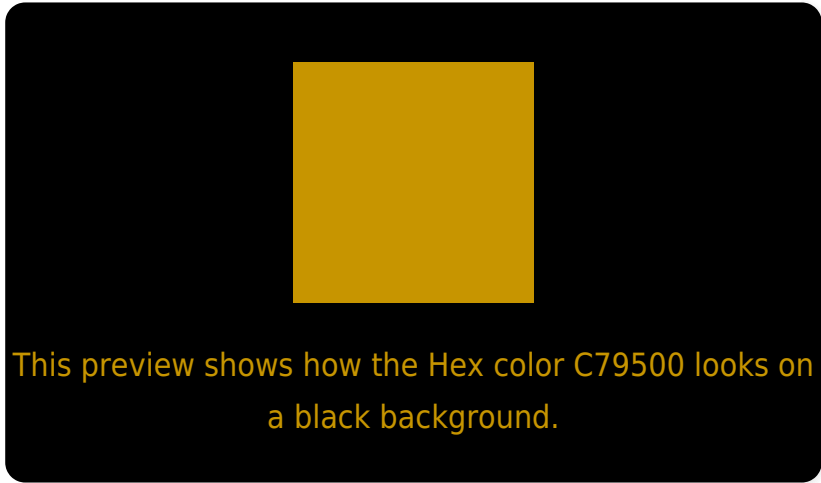
Large Text (above 18pt) WCAG AA × Fail

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 C79500 Background



This preview shows how black text looks on a background with the Hex color C79500.



This preview shows how white text looks on a background with the Hex color C79500.

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
C79500

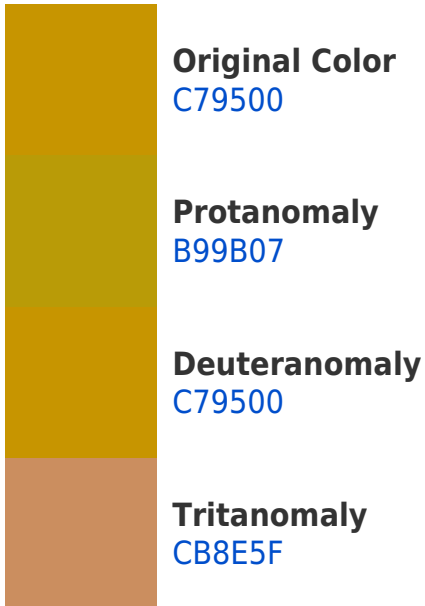
Protanopia
B19E0B

Deuteranopia
C79500



Tritanopia
CE8A95

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C79500 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 #C79500 looks like.

```
.text, #text, p{  
    color:#C79500  
}
```

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 #C79500 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C79500
}
```

Border

The CSS property to change the border of an element to Hex C79500 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
#C79500 }
```

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

```
.border{ border-color:#C79500 }
```

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

Here you see how a box with a 4 pixel #C79500 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C79500; -webkit-box-shadow:4px 4px  
4px 4px #C79500; box-shadow:4px 4px 4px  
4px #C79500 }
```

Background

The CSS property to change the background color of an element to Hex C79500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C79500 }
```

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

```
.background{ background-color:#C79500 }
```

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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