

Converting Colors

Hex(C79A30)

Have a look what the booklet for
Hex(C79A30) contains.

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Color

Hex(C79A30)

Conversions

Conversions Part 1

Format	Color
Hex	C79A30
RGB	199, 154, 48
RGB Percent	78%, 60%, 19%
CMY	0.2196, 0.3961, 0.8118
CMYK	0.00, 0.23, 0.76, 0.22
HSL	42°, 61%, 48%
HSV	42°, 76%, 78%
XYZ	35.6423, 35.4667, 7.7635
YIQ	155.3710, 60.8460, -23.4260

Conversions

Conversions Part 2

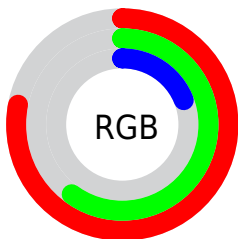
Format	Color
R _Y B	112, 199, 48
Decimal	13081136
CIE Lab	66.11, 6.64, 58.64
CIE LCh	66, 59.011, 83.542
Yxy	35.4667, 0.4519, 0.4497
Android (android.graphics.Color)	4291271216 (0xFFC79A30)
YUV	155.3710, -52.9339, 38.2626
Hunter-Lab	59.5539, 2.6106, 33.9586

Details

The Hex color **C79A30** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **305DC7**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **FFD066**, and **8D6700** is the 20% darker color. If you saturate the color by 10%, you get **C7941C**, and if you desaturate by 10%, it is **C7A044**.

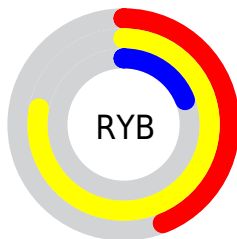
Distribution



Red (78%)

Green (60%)

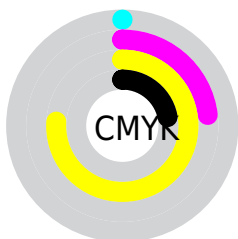
Blue (19%)



Red (44%)

Yellow (78%)

Blue (19%)

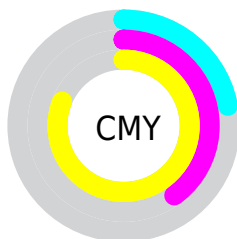


Cyan (0%)

Magenta (23%)

Yellow (76%)

Black (22%)



Cyan (22%)

Magenta (40%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color C79A30 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 C79A30 by changing the saturation by 10% instead.

 C79A30

 C79A30

FFFFFF

 AA8010

 FFD066

 8D6700

 FFEC80

 714F00

 FFFF9C

 553900

 FFFFFB7

 3A2400

 FFFFFD4

 220F00

 FFFFFF1

 000000

 C79A30

 C79A30

 C7941C

 C7A044

 C78E08

 C7A658

 C78C00

 C7AC6C

 C7B280

 C7B894

 C7BEA7

 C7C4BB

 C7C9CF

 C7CFE3

Harmonies

Analogous

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



ED854C



C79A30



94AA38

Triad

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



C79A30



00BAC9



D681E0

Complementary

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



C79A30



305DC7

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.



8E97FF



C79A30



00B5F5

Square

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



C79A30



00BA93



00AAFF



FB71AE

Rectangle

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



C79A30



6BB250



00AAFF



C388EE

Sweetspot

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



C79A30



FFEEC4



C7305D



80755C



000000



808080

Same Dimension

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



C79A30



FFBA17



A9C730



63605A



A37300



241900

Inverse Universe

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



305DC7



175CFF



4E30C7



5A5C63



0031A3



000B24

Previews

White Background



This preview shows how the Hex color C79A30 looks on a white background.

Color Contrast Check

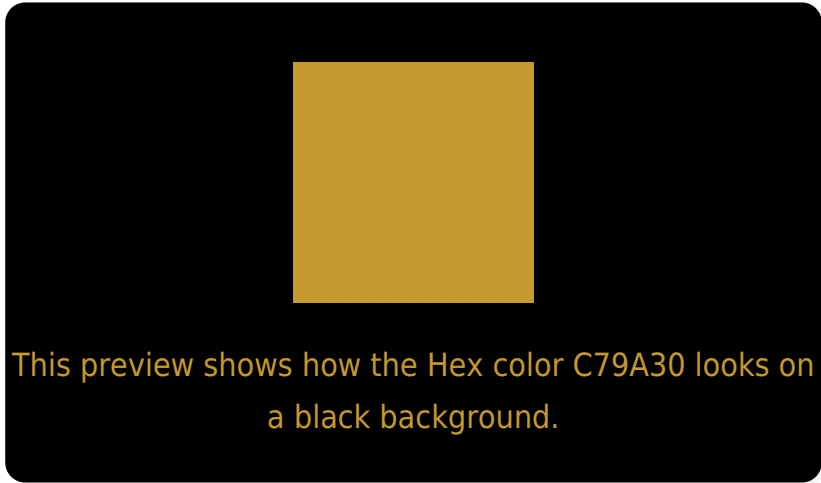
Large Text (above 18pt) WCAG AA × Fail

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 C79A30 Background



This preview shows how black text looks on a background with the Hex color C79A30.



This preview shows how white text looks on a background with the Hex color C79A30.

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
C79A30

Protanopia
B4A132

Deuteranopia
CA9930

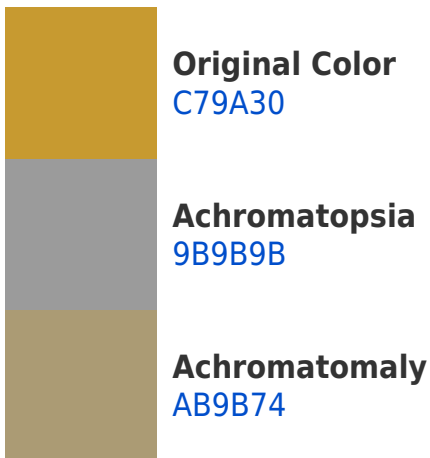


Tritanopia
CE909B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C79A30 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 #C79A30 looks like.

```
.text, #text, p{  
    color:#C79A30  
}
```

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 #C79A30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C79A30
}
```

Border

The CSS property to change the border of an element to Hex C79A30 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
#C79A30 }
```

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

```
.border{ border-color:#C79A30 }
```

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

Here you see how a box with a 4 pixel #C79A30 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C79A30; -webkit-box-shadow:4px 4px  
4px 4px #C79A30; box-shadow:4px 4px 4px  
4px #C79A30 }
```

Background

The CSS property to change the background color of an element to Hex C79A30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C79A30 }
```

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

```
.background{ background-color:#C79A30 }
```

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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