

# Converting Colors

Hex(C79534)

Have a look what the booklet for  
Hex(C79534) contains.

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**Color**

**Hex(C79534)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C79534
RGB	199, 149, 52
RGB Percent	78%, 58%, 20%
CMY	0.2196, 0.4157, 0.7961
CMYK	0.00, 0.25, 0.74, 0.22
HSL	40°, 59%, 49%
HSV	40°, 74%, 78%
XYZ	34.9205, 33.8849, 7.9488
YIQ	152.8920, 60.9370, -19.5670

# Conversions

## Conversions Part 2

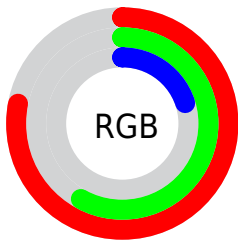
Format	Color
<a href="#">RYB</a>	<a href="#">128, 199, 52</a>
Decimal	<a href="#">13079860</a>
CIELab	<a href="#">64.87, 9.53, 55.85</a>
CIELCh	<a href="#">65, 56.652, 80.318</a>
Yxy	<a href="#">33.8849, 0.4550, 0.4415</a>
Android (android.graphics.Color)	<a href="#">4291269940 (0xFFC79534)</a>
YUV	<a href="#">152.8920, -49.7398, 40.4367</a>
Hunter-Lab	<a href="#">58.2108, 5.2128, 32.6514</a>

# Details

The Hex color **C79534** 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 **3466C7**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **FFCB68**, and **8D6300** is the 20% darker color. If you saturate the color by 10%, you get **C78E20**, and if you desaturate by 10%, it is **C79C48**.

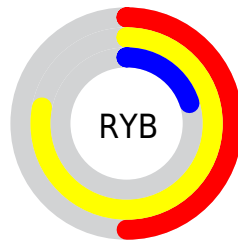
# Distribution



Red (78%)

Green (58%)

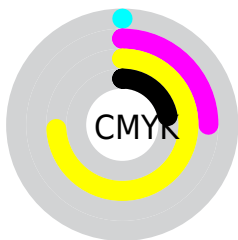
Blue (20%)



Red (50%)

Yellow (78%)

Blue (20%)

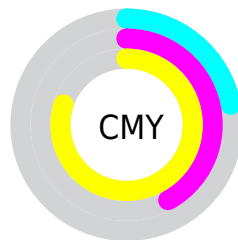


Cyan (0%)

Magenta (25%)

Yellow (74%)

Black (22%)



Cyan (22%)

Magenta (42%)

Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C79534 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 C79534 by changing the saturation by 10% instead.



 C79534

 C79534

FFFFFF

 AA7B17

 FFCB68

 8D6300

 FFE783

 714B00

 FFFF9E

 553400

 FFFFBA

 3A1F00

 FFFFFD6

 220A00

 FFFFFF3

 000000

 C79534

 C79534

 C78E20

 C79C48

 C7870C

 C7A35C

 C78300

 C7A970

 C7B084

 C7B798

 C7BEAB

 C7C4BF

 C7CBD3

 C7D2E7

# Harmonies

## Analogous

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



EA8151



C79534



98A537

# Triad

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



C79534



00B6BF



CB82DF

# Complementary

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



C79534



3466C7

# 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.



8397FD



C79534



00B2EA

# Square

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



C79534



00B58B



00A8FF



F272B0

# Rectangle

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



C79534



71AD4C



00A8FF



B789EB



# Sweetspot

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



C79534



FFECC7



C73467



80745E



000000



808080



# Same Dimension

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



C79534



FFB21C



B1C734



63605A



A36C00



241800



# Inverse Universe

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



3466C7



1C69FF



4A34C7



5A5D63



0038A3



000C24



# Previews

## White Background



This preview shows how the Hex color C79534 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 C79534 Background



This preview shows how black text looks on a background with the Hex color C79534.



This preview shows how white text looks on a background with the Hex color C79534.

# 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**  
C79534

**Protanopia**  
B09E36

**Deuteranopia**  
C59634

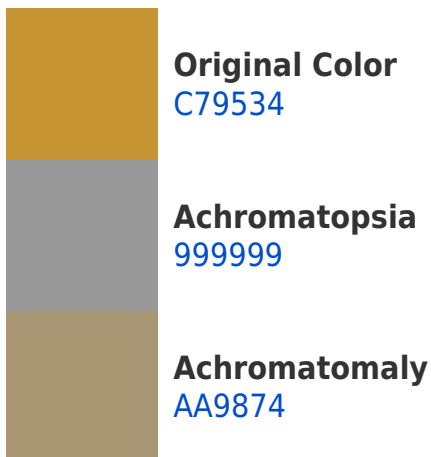


**Tritanopia**  
CE8B96

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C79534 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 #C79534 looks like.

```
.text, #text, p{  
    color:#C79534  
}
```

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 #C79534 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C79534
}
```

## Border

The CSS property to change the border of an element to Hex C79534 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
#C79534 }
```

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

```
.border{ border-color:#C79534 }
```

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

Here you see how a box with a 4 pixel #C79534 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C79534; -webkit-box-shadow:4px 4px  
4px 4px #C79534; box-shadow:4px 4px 4px  
4px #C79534 }
```

# Background

The CSS property to change the background color of an element to Hex C79534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C79534 }
```

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

```
.background{ background-color:#C79534 }
```

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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