

Converting Colors

Hex(C79B2F)

Have a look what the booklet for
Hex(C79B2F) contains.

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Color

Hex(C79B2F)

Conversions

Conversions Part 1

Format	Color
Hex	C79B2F
RGB	199, 155, 47
RGB Percent	78%, 61%, 18%
CMY	0.2196, 0.3922, 0.8157
CMYK	0.00, 0.22, 0.76, 0.22
HSL	43°, 62%, 48%
HSV	43°, 76%, 78%
XYZ	35.7876, 35.7900, 7.7113
YIQ	155.8440, 60.8920, -24.2600

Conversions

Conversions Part 2

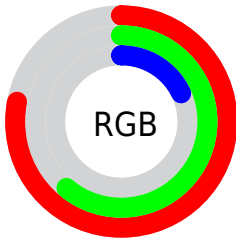
Format	Color
RYB	109, 199, 47
Decimal	13081391
CIELab	66.36, 6.05, 59.25
CIELCh	66, 59.560, 84.166
Yxy	35.7900, 0.4514, 0.4514
Android (android.graphics.Color)	4291271471 (0xFFC79B2F)
YUV	155.8440, -53.6601, 37.8478
Hunter-Lab	59.8248, 2.0867, 34.2350

Details

The Hex color **C79B2F** 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 **2F5BC7**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **FFD165**, and **8D6800** is the 20% darker color. If you saturate the color by 10%, you get **C7951B**, and if you desaturate by 10%, it is **C7A143**.

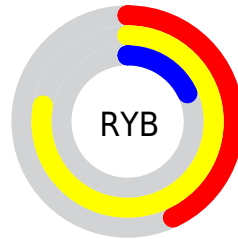
Distribution



Red (78%)

Green (61%)

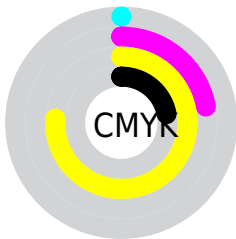
Blue (18%)



Red (43%)

Yellow (78%)

Blue (18%)

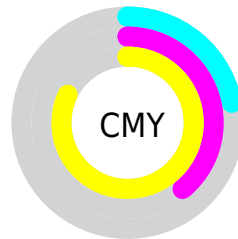


Cyan (0%)

Magenta (22%)

Yellow (76%)

Black (22%)



Cyan (22%)

Magenta (39%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color C79B2F 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 C79B2F by changing the saturation by 10% instead.

 C79B2F

 C79B2F

FFFFFF

 AA810E

 FFD165

 8D6800

 FFED80

 715000

 FFFF9B

 553A00

 FFFFFB7

 3A2400

 FFFFFD3

 221000

 FFFFF0

 000000

 C79B2F

 C79B2F

 C7951B

 C7A143

 C78F07

 C7A757

 C78D00

 C7AC6B

 C7B27F

 C7B893

 C7BEA6

 C7C3BA

 C7C9CE

 C7CFE2

Harmonies

Analogous

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



EE864B



C79B2F



94AB38

Triad

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



C79B2F



00BBCC



D981E1

Complementary

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



C79B2F



2F5BC7

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.



9198FF



C79B2F



00B6F7

Square

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



C79B2F



00BB95



00AAFF



FD71AE

Rectangle

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



C79B2F



69B350



00AAFF



C588EF

Sweetspot

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



C79B2F



FFEEC4



C72F5D



80755C



000000



808080

Same Dimension

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



C79B2F



FFBB14



A9C72F



63615A



A37400



241900

Inverse Universe

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



2F5BC7



1458FF



4D2FC7



5A5C63



002FA3



000A24

Previews

White Background



This preview shows how the Hex color C79B2F looks on a white background.

Color Contrast Check

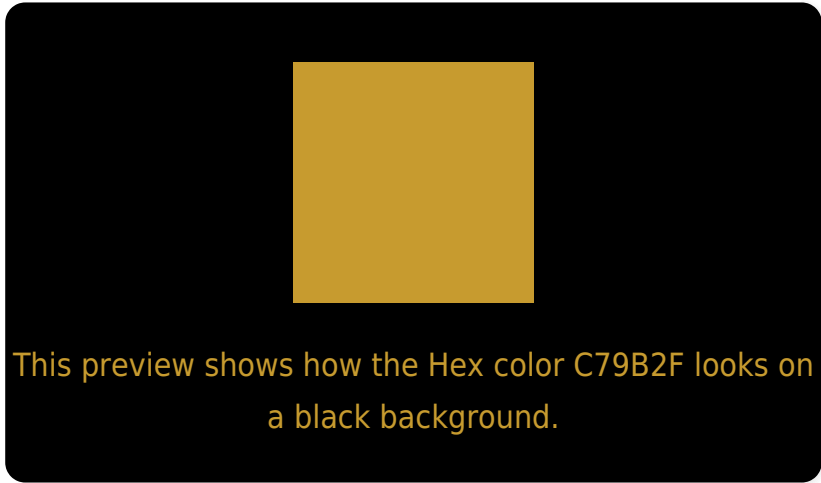
Large Text (above 18pt) WCAG AA × Fail

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 C79B2F Background



This preview shows how black text looks on a background with the Hex color C79B2F.



This preview shows how white text looks on a background with the Hex color C79B2F.

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

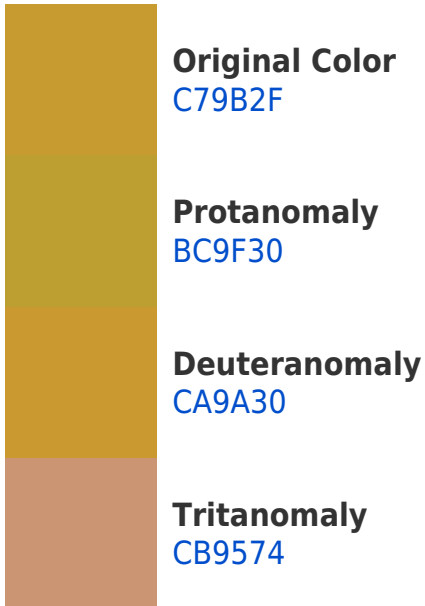


Original Color
C79B2F

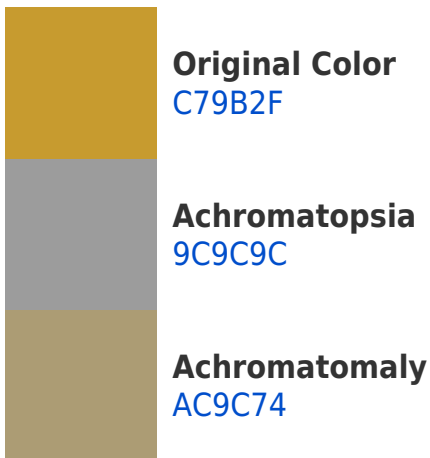
Protanopia
B5A231

Deuteranopia
CB9930

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C79B2F 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 #C79B2F looks like.

```
.text, #text, p{  
    color:#C79B2F  
}
```

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 #C79B2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C79B2F
}
```

Border

The CSS property to change the border of an element to Hex C79B2F 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
#C79B2F }
```

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

```
.border{ border-color:#C79B2F }
```

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

Here you see how a box with a 4 pixel #C79B2F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C79B2F; -webkit-box-shadow:4px 4px  
4px 4px #C79B2F; box-shadow:4px 4px 4px  
4px #C79B2F }
```

Background

The CSS property to change the background color of an element to Hex C79B2F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C79B2F }
```

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

```
.background{ background-color:#C79B2F }
```

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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