

Converting Colors

Hex(CC7A29)

Have a look what the booklet for
Hex(CC7A29) contains.

Hex(CC7A29)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(CC7A29)

Conversions

Conversions Part 1

Format	Color
Hex	CC7A29
RGB	204, 122, 41
RGB Percent	80%, 48%, 16%
CMY	0.2000, 0.5216, 0.8392
CMYK	0.00, 0.40, 0.80, 0.20
HSL	30°, 67%, 48%
HSV	30°, 80%, 80%
XYZ	32.2616, 26.9165, 5.5929
YIQ	137.2840, 74.8730, -7.8070

Conversions

Conversions Part 2

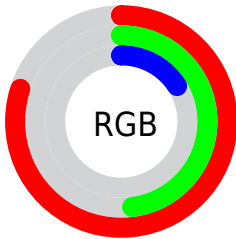
Format	Color
R_{YB}	204, 202, 41
Decimal	13400617
CIE _{Lab}	58.90, 25.95, 54.79
CIE _{LCh}	59, 60.622, 64.656
Yxy	26.9165, 0.4981, 0.4156
Android (android.graphics.Color)	4291590697 (0xFFCC7A29)
YUV	137.2840, -47.4680, 58.5099
Hunter-Lab	51.8811, 20.2059, 29.9253

Details

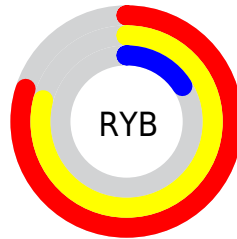
The Hex color **CC7A29** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark muted orange. A complement of this color would be **297BCC**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **FFAF5D**, and **904900** is the 20% darker color. If you saturate the color by 10%, you get **CC7015**, and if you desaturate by 10%, it is **CC843D**.

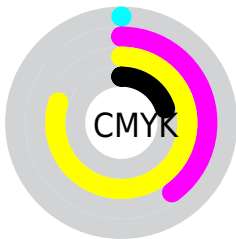
Distribution



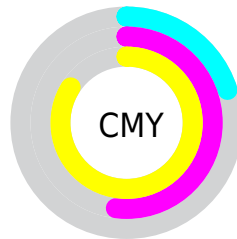
- Red (80%)
- Green (48%)
- Blue (16%)



- Red (80%)
- Yellow (79%)
- Blue (16%)



- Cyan (0%)
- Magenta (40%)
- Yellow (80%)
- Black (20%)



- Cyan (20%)
- Magenta (52%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color CC7A29 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 CC7A29 by changing the saturation by 10% instead.

 CC7A29

 CC7A29

FFFFFF

 AE610A

 FFAF5D

 904900

 FFCA77

 733100

 FFE791

 561B00

 FFFFAD

 3B0400

 FFFFC9

 230001

 FFFF E5

 000000

 CC7A29

 CC7A29

 CC7015

 CC843D

 CC6500

 CC8F52

 CC9966

 CCA37B

 CCAD8F

 CCB8A3

 CCC2B8

 CCCCCC

 CCD6E1

Harmonies

Analogous

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



E86454



CC7A29



A18E10

Triad

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



CC7A29



00A795



9A7CE6

Complementary

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



CC7A29



297BCC

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.



0091F8



CC7A29



00A6C9

Square

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



CC7A29



00A45E



009FEE



D465BC

Rectangle

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



CC7A29



7E9820



009FEE



7C84EF

Sweetspot

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



CC7A29



FFE0C2



CC297D



806D5B



000000



808080

Same Dimension

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



CC7A29



FF840A



CCC929



66615C



A65200



261300

Inverse Universe

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



297BCC



0A85FF



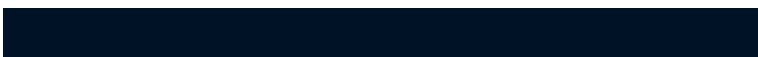
292CCC



5C6166



0053A6



001326

Previews

White Background



This preview shows how the Hex color CC7A29 looks on a white background.

Color Contrast Check

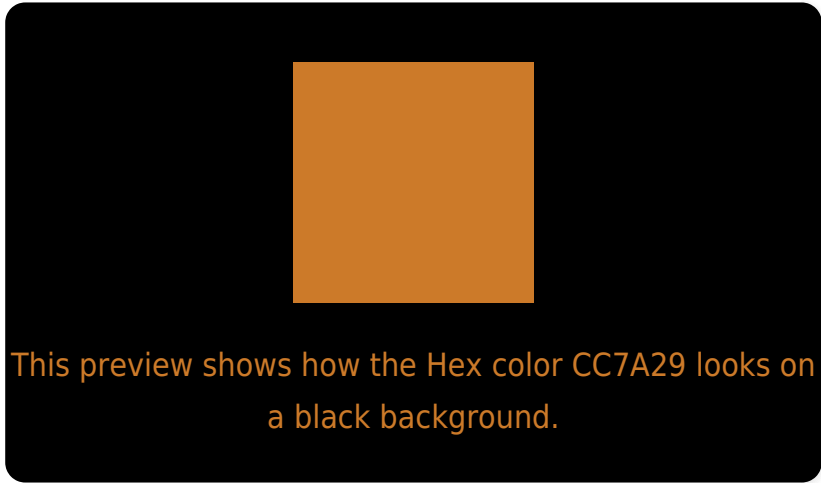
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex CC7A29 Background



This preview shows how black text looks on a background with the Hex color CC7A29.



This preview shows how white text looks on a background with the Hex color CC7A29.

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
CC7A29

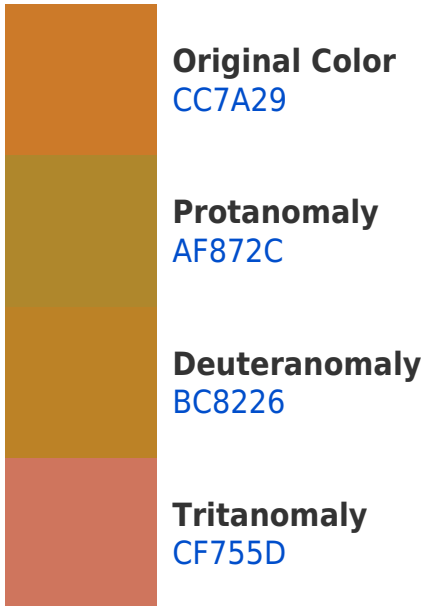
Protanopia
9F8E2E

Deuteranopia
B38724

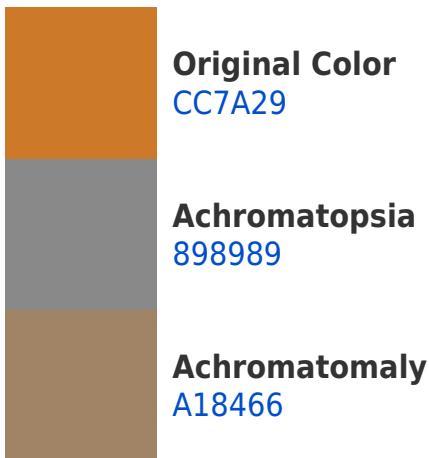


Tritanopia
D0727A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CC7A29 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 #CC7A29 looks like.

```
.text, #text, p{  
    color:#CC7A29  
}
```

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 #CC7A29 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC7A29
}
```

Border

The CSS property to change the border of an element to Hex CC7A29 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
#CC7A29 }
```

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

```
.border{ border-color:#CC7A29 }
```

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

Here you see how a box with a 4 pixel #CC7A29 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC7A29; -webkit-box-shadow:4px 4px  
4px 4px #CC7A29; box-shadow:4px 4px 4px  
4px #CC7A29 }
```

Background

The CSS property to change the background color of an element to Hex CC7A29 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC7A29 }
```

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

```
.background{ background-color:#CC7A29 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor