

Converting Colors

Hex(CE7A24)

Have a look what the booklet for
Hex(CE7A24) contains.

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Color

Hex(CE7A24)

Conversions

Conversions Part 1

Format	Color
Hex	CE7A24
RGB	206, 122, 36
RGB Percent	81%, 48%, 14%
CMY	0.1922, 0.5216, 0.8588
CMYK	0.00, 0.41, 0.83, 0.19
HSL	30°, 70%, 47%
HSV	30°, 83%, 81%
XYZ	32.7316, 27.1683, 5.1879
YIQ	137.3120, 77.6700, -8.9380

Conversions

Conversions Part 2

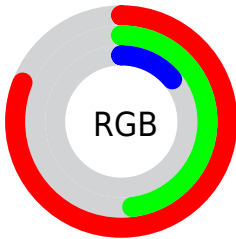
Format	Color
R_{YB}	202, 206, 36
Decimal	13531684
CIE _{Lab}	59.13, 26.63, 57.03
CIE _{LCh}	59, 62.940, 64.968
Y _{xy}	27.1683, 0.5029, 0.4174
Android (android.graphics.Color)	4291721764 (0xFFCE7A24)
YUV	137.3120, -49.9468, 60.2394
Hunter-Lab	52.1232, 20.8763, 30.5850

Details

The Hex color **CE7A24** 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 **2478CE**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **FFAF59**, and **924800** is the 20% darker color. If you saturate the color by 10%, you get **CE700F**, and if you desaturate by 10%, it is **CE8439**.

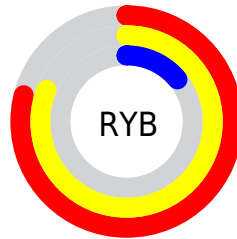
Distribution



Red (81%)

Green (48%)

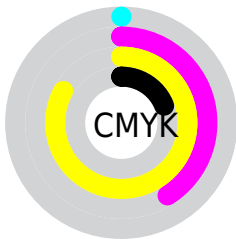
Blue (14%)



Red (79%)

Yellow (81%)

Blue (14%)

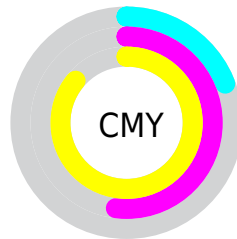


Cyan (0%)

Magenta (41%)

Yellow (83%)

Black (19%)



Cyan (19%)

Magenta (52%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color CE7A24 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 CE7A24 by changing the saturation by 10% instead.

 CE7A24

 CE7A24

FFFFFF

 B06102

 FFAF59

 924800

 FFCA73

 743100

 FFE78E

 571A00

 FFFFA9

 3C0300

 FFFFC5

 250001

 FFFFEE

 000000

FFFFFFE

 CE7A24

 CE7A24

 CE700F

 CE8439

 CE6800

 CE8E4D

 CE9962

 CEA376

 CEAD8B

 CEB7A0

 CEC1B4

 CECBC9

 CED6DD

Harmonies

Analogous

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



EB6352



CE7A24



A18F04

Triad

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



CE7A24



00A896



9B7BEA

Complementary

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



CE7A24



2478CE

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.



0092FD



CE7A24



00A7CC

Square

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



CE7A24



00A55D



00A0F2



D863BE

Rectangle

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



CE7A24



7D991A



00A0F2



7C84F3

Sweetspot

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



CE7A24



FFE0BF



CE2479



806D59



000000



808080

Same Dimension

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



CE7A24



FF8203



CECE24



66615C



A65400



261300

Inverse Universe

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



2478CE



037FFF



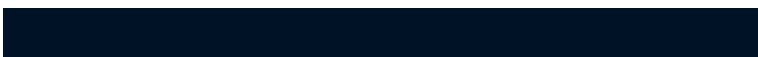
2424CE



5C6166



0052A6



001326

Previews

White Background



This preview shows how the Hex color CE7A24 looks on a white background.

Color Contrast Check

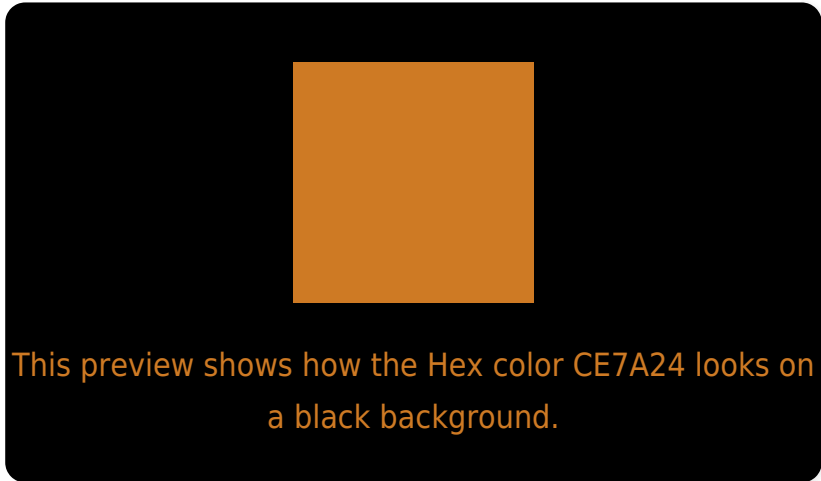
Large Text (above 18pt) WCAG AA ✓ Pass

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 CE7A24 Background



This preview shows how black text looks on a background with the Hex color CE7A24.



This preview shows how white text looks on a background with the Hex color CE7A24.

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
CE7A24

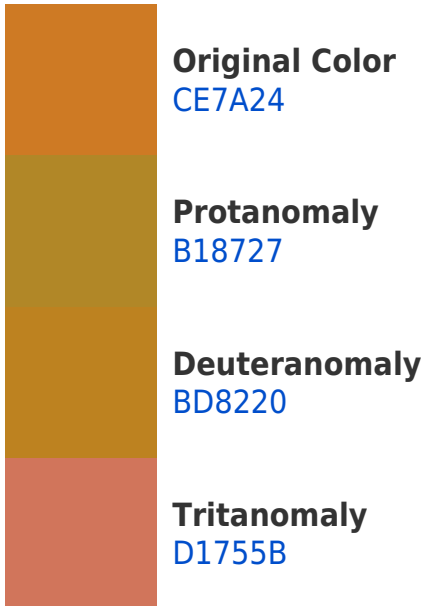
Protanopia
A08F29

Deuteranopia
B4871E

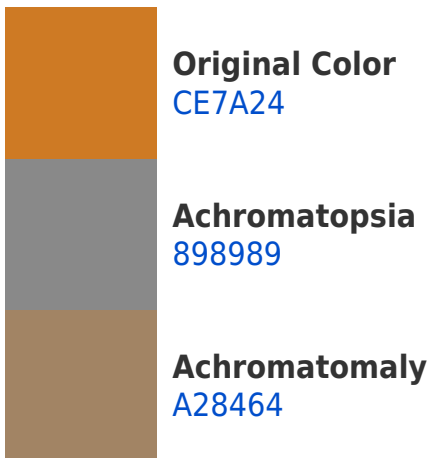


Tritanopia
D2727A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CE7A24 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 #CE7A24 looks like.

```
.text, #text, p{  
    color:#CE7A24  
}
```

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 #CE7A24 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE7A24
}
```

Border

The CSS property to change the border of an element to Hex CE7A24 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
#CE7A24 }
```

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

```
.border{ border-color:#CE7A24 }
```

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

Here you see how a box with a 4 pixel #CE7A24 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE7A24; -webkit-box-shadow:4px 4px  
4px 4px #CE7A24; box-shadow:4px 4px 4px  
4px #CE7A24 }
```

Background

The CSS property to change the background color of an element to Hex CE7A24 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE7A24 }
```

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

```
.background{ background-color:#CE7A24 }
```

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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