

# Converting Colors

Hex(CC7D24)

Have a look what the booklet for  
Hex(CC7D24) contains.

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**Color**

**Hex(CC7D24)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CC7D24
RGB	204, 125, 36
RGB Percent	80%, 49%, 14%
CMY	0.2000, 0.5098, 0.8588
CMYK	0.00, 0.39, 0.82, 0.20
HSL	32°, 70%, 47%
HSV	32°, 82%, 80%
XYZ	32.5539, 27.6320, 5.2868
YIQ	138.4750, 75.6530, -10.9310

# Conversions

## Conversions Part 2

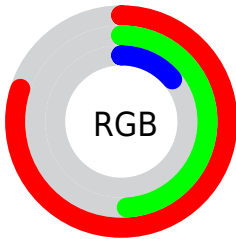
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	185, 204, 36
Decimal	13401380
CIE Lab	59.55, 24.16, 57.30
CIE LCh	60, 62.189, 67.136
Yxy	27.6320, 0.4972, 0.4220
Android (android.graphics.Color)	4291591460 (0xFFCC7D24)
YUV	138.4750, -50.5202, 57.4654
Hunter-Lab	52.5661, 18.5533, 30.8332

# Details

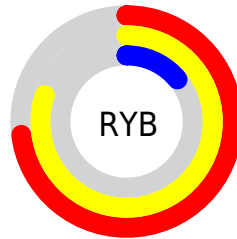
The Hex color **CC7D24** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark muted orange. A complement of this color would be **2473CC**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **FFB259**, and **904C00** is the 20% darker color. If you saturate the color by 10%, you get **CC7310**, and if you desaturate by 10%, it is **CC8738**.

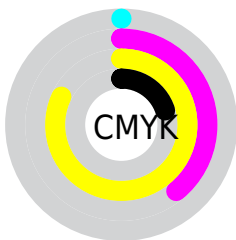
# Distribution



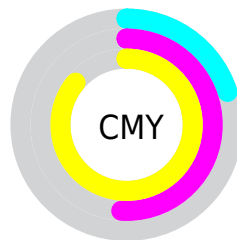
- Red (80%)
- Green (49%)
- Blue (14%)



- Red (73%)
- Yellow (80%)
- Blue (14%)



- Cyan (0%)
- Magenta (39%)
- Yellow (82%)
- Black (20%)



- Cyan (20%)
- Magenta (51%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CC7D24 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 CC7D24 by changing the saturation by 10% instead.



 CC7D24

 CC7D24

FFFFFF

 AE6401

 FF259

 904C00

 FFCE73

 733400

 FFEA8E

 561E00

 FFFFA9

 3B0700

 FFFFC5

 240001

 FFFF2

 000000

 CC7D24

 CC7D24

 CC7310

 CC8738

■ CC6C00

■ CC904D

■ CC9A61

■ CCA376

■ CCAD8A

■ CCB79E

■ CCC0B3

■ CCCAC7

■ CCD3DC

# Harmonies

## Analogous

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



EA6650



CC7D24



9F910C

# Triad

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



CC7D24



00A99B



A27BE7

# Complementary

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



CC7D24



2473CC

# 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.



1691FC



CC7D24



00A8D0

# Square

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



CC7D24



00A663



00A0F4



DB63BB

# Rectangle

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



CC7D24



7A9B21



00A0F4



8583F1



# Sweetspot

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



CC7D24



FFE1BF



CC2475



806E59



000000



808080



# Same Dimension

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



CC7D24



FF8803



C9CC24



66615C



A65800



261400



# Inverse Universe

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



2473CC



0379FF



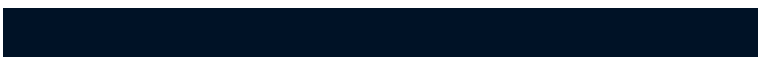
2724CC



5C6166



004EA6



001226



# Previews

## White Background



This preview shows how the Hex color CC7D24 looks on a white background.

## Color Contrast Check

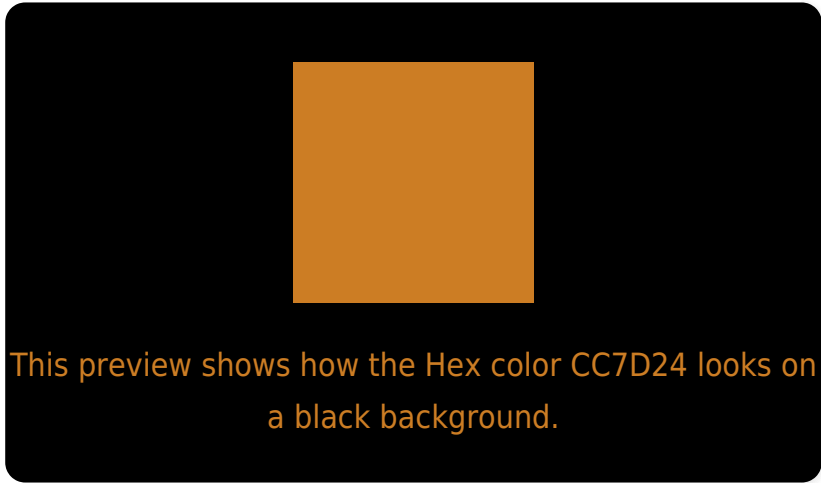
Large Text (above 18pt) WCAG AA ✓ Pass

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

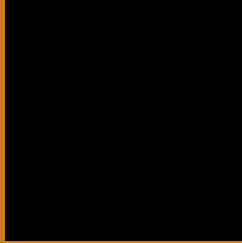
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex CC7D24 Background



This preview shows how black text looks on a background with the Hex color CC7D24.



This preview shows how white text looks on a background with the Hex color CC7D24.

# 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**  
CC7D24

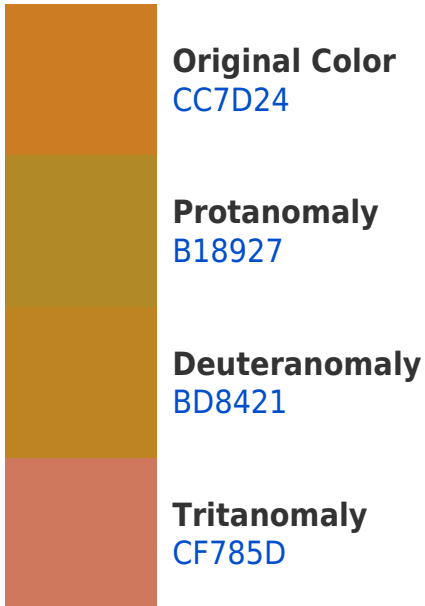
**Protanopia**  
A19029

**Deuteranopia**  
B5881F



**Tritanopia**  
D0757D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CC7D24 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 #CC7D24 looks like.

```
.text, #text, p{  
    color:#CC7D24  
}
```

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 #CC7D24 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC7D24
}
```

## Border

The CSS property to change the border of an element to Hex CC7D24 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
#CC7D24 }
```

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

```
.border{ border-color:#CC7D24 }
```

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

Here you see how a box with a 4 pixel #CC7D24 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC7D24; -webkit-box-shadow:4px 4px  
4px 4px #CC7D24; box-shadow:4px 4px 4px  
4px #CC7D24 }
```

# Background

The CSS property to change the background color of an element to Hex CC7D24 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC7D24 }
```

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

```
.background{ background-color:#CC7D24 }
```

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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