

# Converting Colors

Hex(CD7400)

Have a look what the booklet for  
Hex(CD7400) contains.

<b>Hex(CD7400)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(CD7400)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CD7400
RGB	205, 116, 0
RGB Percent	80%, 45%, 0%
CMY	0.1961, 0.5451, 1.0000
CMYK	0.00, 0.43, 1.00, 0.20
HSL	34°, 100%, 40%
HSV	34°, 100%, 80%
XYZ	31.4222, 25.4699, 3.2601
YIQ	129.3870, 90.2800, -17.2080

# Conversions

## Conversions Part 2

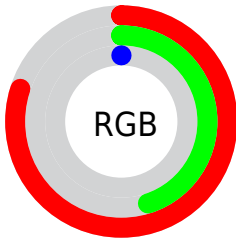
Format	Color
R <sub>Y</sub> B	157, 205, 0
Decimal	13464576
CIE Lab	57.53, 28.79, 64.67
CIE LCh	58, 70.791, 66.005
Yxy	25.4699, 0.5224, 0.4234
Android (android.graphics.Color)	4291654656 (0xFFCD7400)
YUV	129.3870, -63.7878, 66.3126
Hunter-Lab	50.4677, 22.8192, 31.4975

# Details

The Hex color **CD7400** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **0059CD**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **FFA943**, and **904300** is the 20% darker color. If you saturate the color by 10%, you get **CD7400**, and if you desaturate by 10%, it is **CD7D14**.

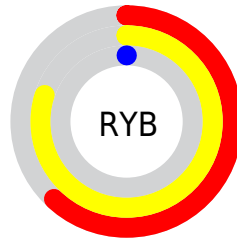
# Distribution



Red (80%)

Green (45%)

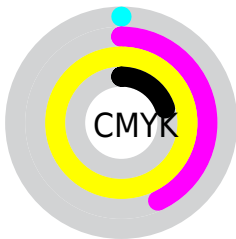
Blue (0%)



Red (62%)

Yellow (80%)

Blue (0%)

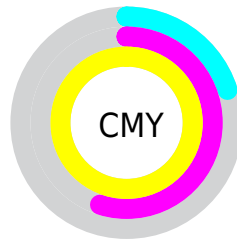


Cyan (0%)

Magenta (43%)

Yellow (100%)

Black (20%)



Cyan (20%)

Magenta (55%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CD7400 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 CD7400 by changing the saturation by 10% instead.



 CD7400

 CD7400

FFFFFF

 AE5B00

 FFA943

 904300

 FFC45E

 722B00

 FFE079

 551400


 FFFD94

 390000

 FFFFFB0

 200001

 FFFFFCD

 000000

 FFFFFE9

 CD7400

 CD7D14

 CD8629

 CD8F3E

 CD9852

 CDA167

 CDA97B

 CDB290

 CDBBA4

 CDC4B9

# Harmonies

## Analogous

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



EE5745



CD7400



9B8C00

# Triad

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



CD7400



00A695



9A74EF

# Complementary

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



CD7400



0059CD

# 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.



008EFF



CD7400



00A5D2

# Square

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



CD7400



00A355



009EFB



DD54BE

# Rectangle

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



CD7400



729600



009EFB



757DFA



# Sweetspot

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



CD7400



FFDEB3



CD005C



806C52



000000



808080



# Same Dimension

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



CD7400



FF9000



C3CD00



66625C



A65E00



261600



# Inverse Universe

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



0059CD



006FFF



0A00CD



5C6066



0048A6



001126



# Previews

## White Background



This preview shows how the Hex color CD7400 looks on a white background.

## Color Contrast Check

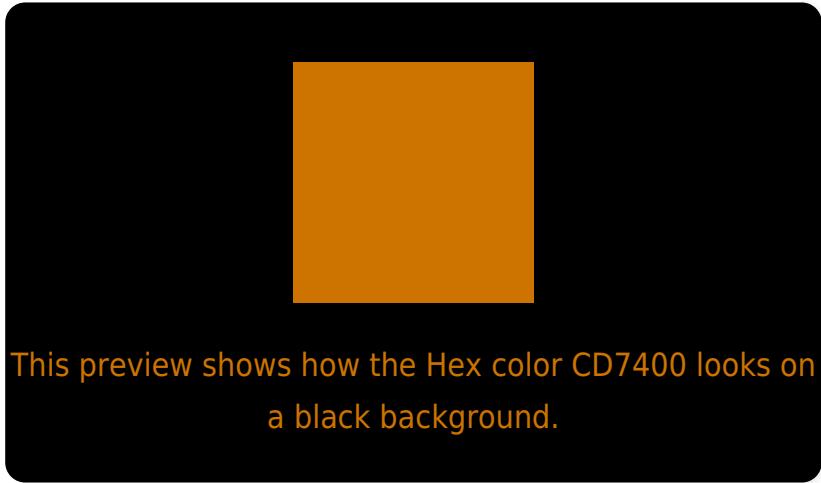
Large Text (above 18pt) WCAG AA ✓ Pass

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 CD7400 Background



This preview shows how black text looks on a background with the Hex color CD7400.



This preview shows how white text looks on a background with the Hex color CD7400.

# 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**  
CD7400

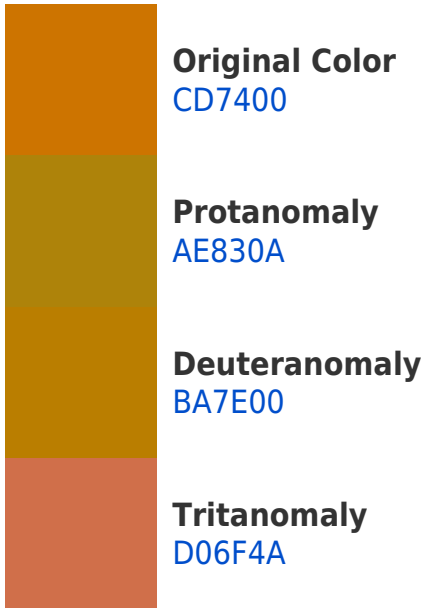
**Protanopia**  
9C8B10

**Deuteranopia**  
AF8400



**Tritanopia**  
D16C74

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CD7400 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 #CD7400 looks like.

```
.text, #text, p{  
    color:#CD7400  
}
```

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 #CD7400 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CD7400
}
```

## Border

The CSS property to change the border of an element to Hex CD7400 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
#CD7400 }
```

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

```
.border{ border-color:#CD7400 }
```

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

Here you see how a box with a 4 pixel #CD7400 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CD7400; -webkit-box-shadow:4px 4px  
4px 4px #CD7400; box-shadow:4px 4px 4px  
4px #CD7400 }
```

# Background

The CSS property to change the background color of an element to Hex CD7400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CD7400 }
```

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

```
.background{ background-color:#CD7400 }
```

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