

# Converting Colors

Hex(CC7336)

Have a look what the booklet for  
Hex(CC7336) contains.

<b>Hex(CC7336)</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(CC7336)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CC7336
RGB	204, 115, 54
RGB Percent	80%, 45%, 21%
CMY	0.2000, 0.5490, 0.7882
CMYK	0.00, 0.44, 0.74, 0.20
HSL	24°, 60%, 51%
HSV	24°, 74%, 80%
XYZ	31.6984, 25.3652, 6.7153
YIQ	134.6570, 72.6250, -0.1030

# Conversions

## Conversions Part 2

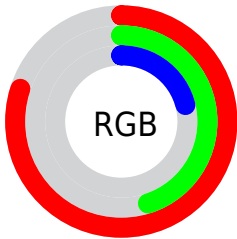
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">204, 157, 54</a>
Decimal	<a href="#">13398838</a>
CIELab	<a href="#">57.43, 30.23, 47.58</a>
CIELCh	<a href="#">57, 56.376, 57.570</a>
Yxy	<a href="#">25.3652, 0.4970, 0.3977</a>
Android (android.graphics.Color)	<a href="#">4291588918 (0xFFCC7336)</a>
YUV	<a href="#">134.6570, -39.7639, 60.8138</a>
Hunter-Lab	<a href="#">50.3639, 24.2091, 27.3492</a>

# Details

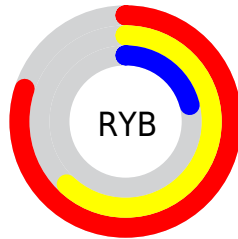
The Hex color **CC7336** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **368FCC**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **FFA868**, and **904101** is the 20% darker color. If you saturate the color by 10%, you get **CC6722**, and if you desaturate by 10%, it is **CC7F4A**.

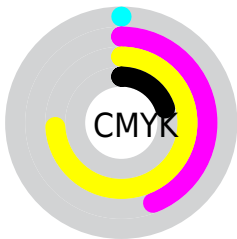
# Distribution



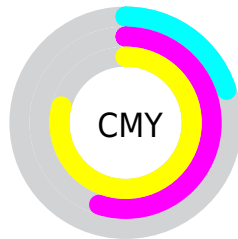
- Red (80%)
- Green (45%)
- Blue (21%)



- Red (80%)
- Yellow (62%)
- Blue (21%)



- Cyan (0%)
- Magenta (44%)
- Yellow (74%)
- Black (20%)



- Cyan (20%)
- Magenta (55%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CC7336 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 CC7336 by changing the saturation by 10% instead.



 CC7336

 CC7336

FFFFFF

 AE5A1D

 FFA868

 904101

 FFC382

 732A00

 FFDF9C

 561200

 FFFCB8

 3B0000

 FFFFD4

 210001

 FFFFF1

 000000

 CC7336

 CC7336

 CC6722

 CC7F4A

 CC5B0D

 CC8B5F

 CC5300

 CC9773

 CCA388

 CCB09C

 CCBCB0

 CCC8C5

 CCD4D9

 CCE0EE

# Harmonies

## Analogous

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



E1615F



CC7336



A7861C

# Triad

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



CC7336



00A184



837FE2

# Complementary

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



CC7336



368FCC

# 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.



0091EC



CC7336



00A1B6

# Square

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



CC7336



2F9D52



009CDC



C269BF

# Rectangle

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



CC7336



889021



009CDC



6485E8



# Sweetspot

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



CC7336



FFDEC7



CC3690



806C5E



000000



808080



# Same Dimension

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



CC7336



FF7A1F



CCBD36



66605C



A64300



261000



# Inverse Universe

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



368FCC



1FA4FF



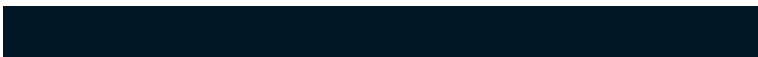
3645CC



5C6266



0062A6

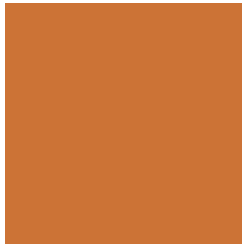


001726



# Previews

## White Background



This preview shows how the Hex color CC7336 looks on a white background.

## Color Contrast Check

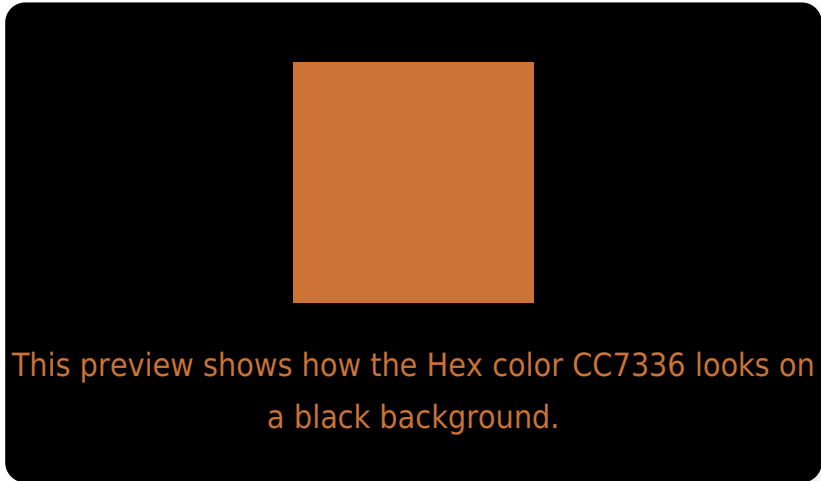
Large Text (above 18pt) WCAG AA ✓ Pass

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 CC7336 Background



This preview shows how black text looks on a background with the Hex color CC7336.



This preview shows how white text looks on a background with the Hex color CC7336.

# 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**  
CC7336

**Protanopia**  
9A8B3D

**Deuteranopia**  
AD8331



**Tritanopia**  
CF6C74

# Trichromacy



**Original Color**  
CC7336

**Protanomaly**  
AC823A

**Deuteranomaly**  
B87D33

**Tritanomaly**  
CE6F5D

# Monochromacy



**Original Color**  
CC7336

**Achromatopsia**  
878787

**Achromatomaly**  
A0806A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CC7336 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 #CC7336 looks like.

```
.text, #text, p{  
    color:#CC7336  
}
```

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 #CC7336 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC7336  
}
```

## Border

The CSS property to change the border of an element to Hex CC7336 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  
#CC7336 }
```

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

```
.border{ border-color:#CC7336 }
```

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

Here you see how a box with a 4 pixel #CC7336 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC7336; -webkit-box-shadow:4px 4px  
4px 4px #CC7336; box-shadow:4px 4px 4px  
4px #CC7336 }
```

# Background

The CSS property to change the background color of an element to Hex CC7336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC7336 }
```

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

```
.background{ background-color:#CC7336 }
```

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