

# Converting Colors

Hex(CB7345)

Have a look what the booklet for  
Hex(CB7345) contains.

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**Color**

**Hex(CB7345)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CB7345
RGB	203, 115, 69
RGB Percent	80%, 45%, 27%
CMY	0.2039, 0.5490, 0.7294
CMYK	0.00, 0.43, 0.66, 0.20
HSL	21°, 56%, 53%
HSV	21°, 66%, 80%
XYZ	31.8335, 25.3876, 8.8527
YIQ	136.0680, 67.2140, 4.3500

# Conversions

## Conversions Part 2

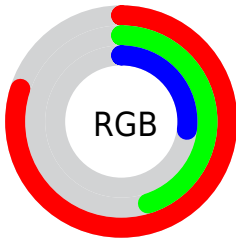
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	203, 139, 69
Decimal	13333317
CIE <sub>Lab</sub>	57.45, 30.63, 40.00
CIE <sub>LCh</sub>	57, 50.379, 52.553
Yxy	25.3876, 0.4818, 0.3842
Android (android.graphics.Color)	4291523397 (0xFFCB7345)
YUV	136.0680, -33.0645, 58.6994
Hunter-Lab	50.3862, 24.5989, 24.8532

# Details

The Hex color **CB7345** 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 **459DCB**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **FFA877**, and **904116** is the 20% darker color. If you saturate the color by 10%, you get **CB6631**, and if you desaturate by 10%, it is **CB8059**.

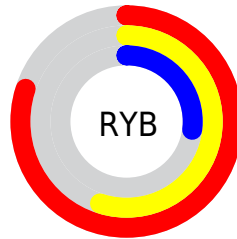
# Distribution



Red (80%)

Green (45%)

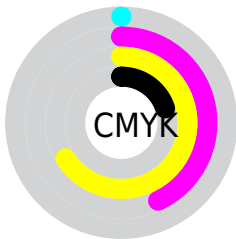
Blue (27%)



Red (80%)

Yellow (55%)

Blue (27%)

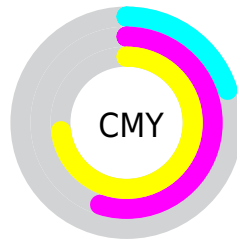


Cyan (0%)

Magenta (43%)

Yellow (66%)

Black (20%)



Cyan (20%)

Magenta (55%)

Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CB7345 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 CB7345 by changing the saturation by 10% instead.



 CB7345

 CB7345

FFFFFF

 AD5A2D

 FFA877

 904116

 FFC391

 732900

 FFE0AC

 571100

 FFFCC7

 3B0000

 FFFFEE

 210001

 000000

 CB7345

 CB7345

 CB6631

 CB8059

 CB581C

 CB8E6E

 CB4B08

 CB9B82

 CB4600

 CBA896

 CBB6AB

 CBC3BF

 CBD0D3

 CBDEE7

 CBEBFC

# Harmonies

## Analogous

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



DB656B



CB7345



AC842E

# Triad

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



CB7345



009F7D



7983DB

# Complementary

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



CB7345



459DCB

# 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.



0092E1



CB7345



009FAA

# Square

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



CB7345



4B9A52



009BCF



B571C0

# Rectangle

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



CB7345



918E2E



009BCF



5C88E0

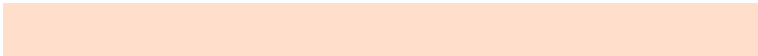


# Sweetspot

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



CB7345



FFDECC



CB459E



806B61



000000



808080



# Same Dimension

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



CB7345



FF7B36



CBB545



665F5C



A63900



260D00



# Inverse Universe

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



459DCB



36BAFF



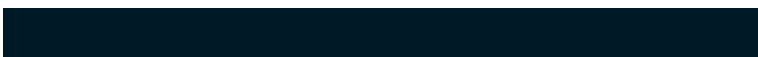
455BCB



5C6266



006DA6



001926



# Previews

## White Background



This preview shows how the Hex color CB7345 looks on a white background.

## Color Contrast Check

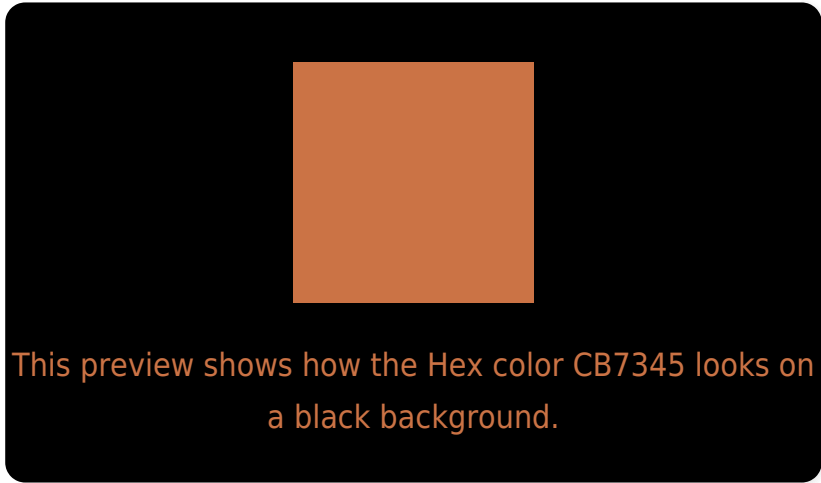
Large Text (above 18pt) WCAG AA ✓ Pass

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

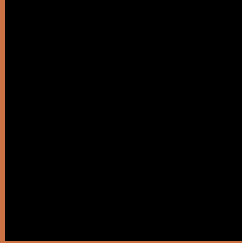
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex CB7345 Background



This preview shows how black text looks on a background with the Hex color CB7345.



This preview shows how white text looks on a background with the Hex color CB7345.

# 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



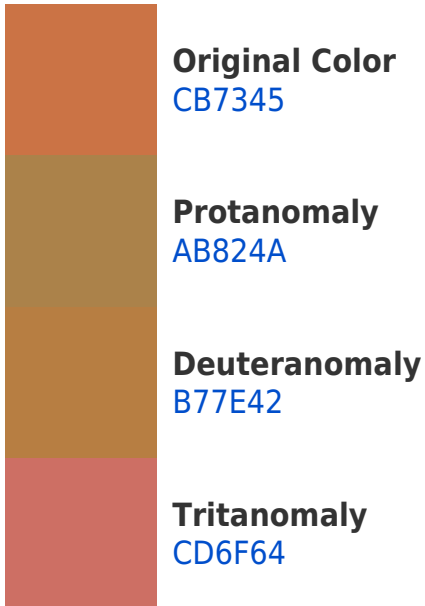
**Original Color**  
CB7345

**Protanopia**  
988B4D

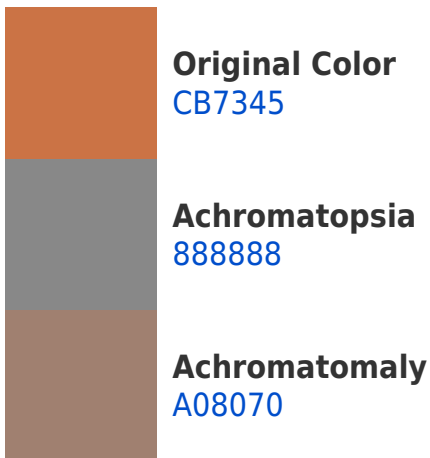
**Deuteranopia**  
AB8441



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CB7345 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 #CB7345 looks like.

```
.text, #text, p{  
    color:#CB7345  
}
```

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 #CB7345 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB7345
}
```

## Border

The CSS property to change the border of an element to Hex CB7345 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
#CB7345 }
```

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

```
.border{ border-color:#CB7345 }
```

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

Here you see how a box with a 4 pixel #CB7345 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB7345; -webkit-box-shadow:4px 4px  
4px 4px #CB7345; box-shadow:4px 4px 4px  
4px #CB7345 }
```

# Background

The CSS property to change the background color of an element to Hex CB7345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB7345 }
```

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

```
.background{ background-color:#CB7345 }
```

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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