

Converting Colors

Hex(CB7540)

Have a look what the booklet for
Hex(CB7540) contains.

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Color

Hex(CB7540)

Conversions

Conversions Part 1

Format	Color
Hex	CB7540
RGB	203, 117, 64
RGB Percent	80%, 46%, 25%
CMY	0.2039, 0.5412, 0.7490
CMYK	0.00, 0.42, 0.68, 0.20
HSL	23°, 57%, 52%
HSV	23°, 68%, 80%
XYZ	31.9153, 25.7893, 8.1462
YIQ	136.6720, 68.2690, 1.7490

Conversions

Conversions Part 2

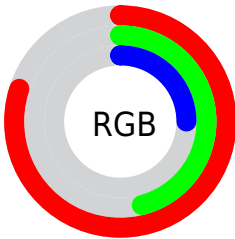
Format	Color
RYB	203, 150, 64
Decimal	13333824
CIELab	57.84, 29.27, 43.03
CIELCh	58, 52.040, 55.778
Yxy	25.7893, 0.4847, 0.3916
Android (android.graphics.Color)	4291523904 (0xFFCB7540)
YUV	136.6720, -35.8273, 58.1697
Hunter-Lab	50.7831, 23.3102, 26.0374

Details

The Hex color **CB7540** 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 **4096CB**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **FFAA72**, and **90430F** is the 20% darker color. If you saturate the color by 10%, you get **CB682C**, and if you desaturate by 10%, it is **CB8254**.

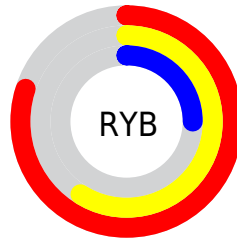
Distribution



Red (80%)

Green (46%)

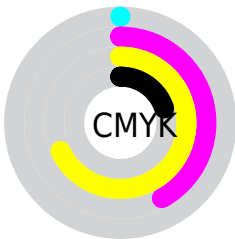
Blue (25%)



Red (80%)

Yellow (59%)

Blue (25%)

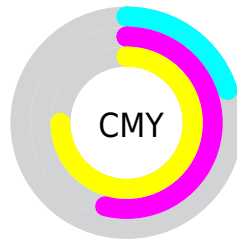


Cyan (0%)

Magenta (42%)

Yellow (68%)

Black (20%)



Cyan (20%)

Magenta (54%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color CB7540 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 CB7540 by changing the saturation by 10% instead.

 CB7540

 CB7540

FFFFFF

 AD5C28

 FFAA72

 90430F

 FFC58C

 732C00

 FFE2A7

 561400

 FFFEC2

 3B0000

 FFFFDE

 220001

 FFFFFB

 000000

 CB7540

 CB7540

 CB682C

 CB8254

 CB5C17

 CB8E69

 CB4F03

 CB9B7D

 CB4D00

 CBA791

 CBB4A6

 CBC0BA

 CBCDCE

 CBD9E2

 CBE6F7

Harmonies

Analogous

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



DD6666



CB7540



A9862A

Triad

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



CB7540



00A183



8182DD

Complementary

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



CB7540



4096CB

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.



0092E6



CB7540



00A1B1

Square

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



CB7540



419D55



009CD5



BC6FBF

Rectangle

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



CB7540



8D902C



009CD5



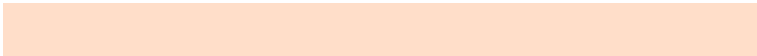
6588E3

Sweetspot

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



CB7540



FFDEC9



CB4098



806C60



000000



808080

Same Dimension

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



CB7540



FF7E2E



CBB840



66605C



A63F00



260F00

Inverse Universe

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



4096CB



2EAFFF



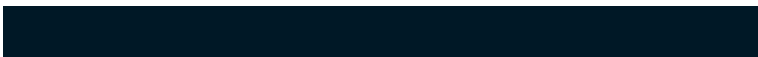
4053CB



5C6266



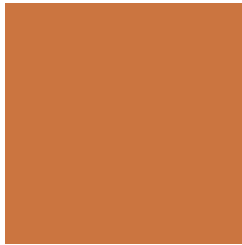
0067A6



001826

Previews

White Background



This preview shows how the Hex color CB7540 looks on a white background.

Color Contrast Check

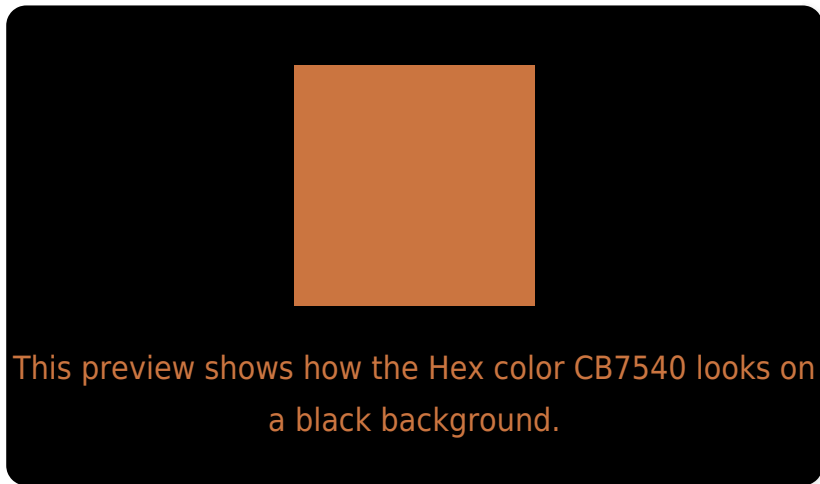
Large Text (above 18pt) WCAG AA ✓ Pass

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

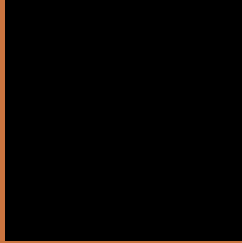
Any Text WCAG AA ✓ Pass

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 CB7540 Background



This preview shows how black text looks on a background with the Hex color CB7540.

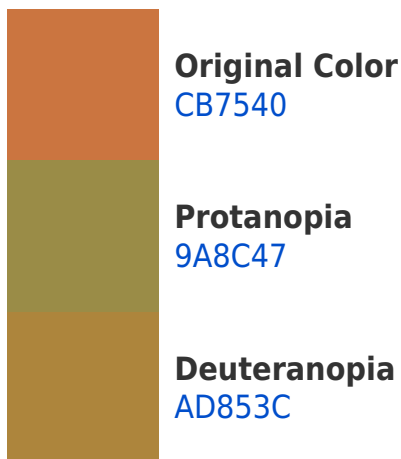


This preview shows how white text looks on a background with the Hex color CB7540.

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](#).

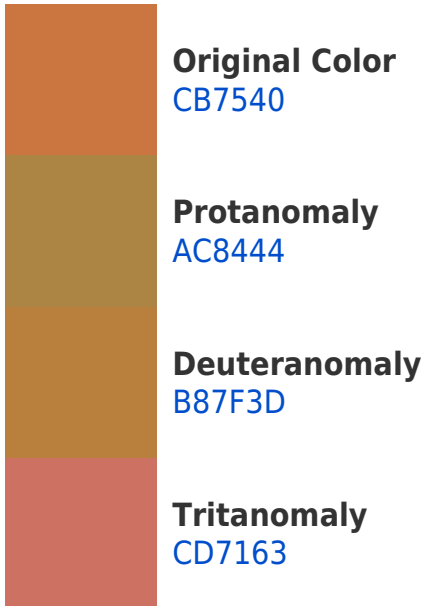
Dichromacy



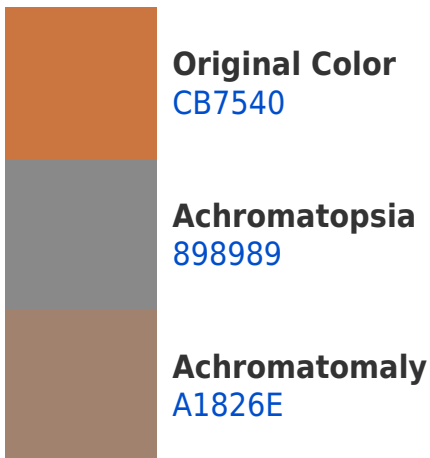


Tritanopia
CE6F77

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CB7540 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 #CB7540 looks like.

```
.text, #text, p{  
    color:#CB7540  
}
```

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 #CB7540 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB7540
}
```

Border

The CSS property to change the border of an element to Hex CB7540 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
#CB7540 }
```

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

```
.border{ border-color:#CB7540 }
```

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

Here you see how a box with a 4 pixel #CB7540 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB7540; -webkit-box-shadow:4px 4px  
4px 4px #CB7540; box-shadow:4px 4px 4px  
4px #CB7540 }
```

Background

The CSS property to change the background color of an element to Hex CB7540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB7540 }
```

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

```
.background{ background-color:#CB7540 }
```

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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