

Converting Colors

Hex(CA7757)

Have a look what the booklet for
Hex(CA7757) contains.

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Color

Hex(CA7757)

Conversions

Conversions Part 1

Format	Color
Hex	CA7757
RGB	202, 119, 87
RGB Percent	79%, 47%, 34%
CMY	0.2078, 0.5333, 0.6588
CMYK	0.00, 0.41, 0.57, 0.21
HSL	17°, 52%, 57%
HSV	17°, 57%, 79%
XYZ	32.6742, 26.4383, 12.3978
YIQ	140.1690, 59.7400, 7.6440

Conversions

Conversions Part 2

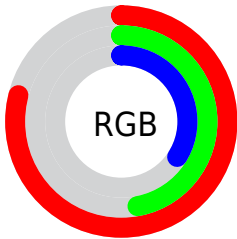
Format	Color
R_{YB}	202, 131, 87
Decimal	13268823
CIE _{Lab}	58.45, 29.35, 31.43
CIE _{LCh}	58, 43.002, 46.954
Yxy	26.4383, 0.4569, 0.3697
Android (android.graphics.Color)	4291458903 (0xFFCA7757)
YUV	140.1690, -26.2123, 54.2258
Hunter-Lab	51.4182, 23.4478, 21.6969

Details

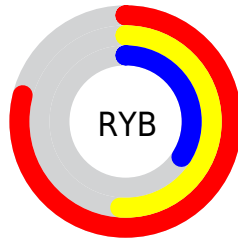
The Hex color **CA7757** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted orange. A complement of this color would be **57AACA**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **FFAC89**, and **904529** is the 20% darker color. If you saturate the color by 10%, you get **CA6843**, and if you desaturate by 10%, it is **CA866B**.

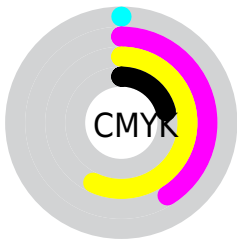
Distribution



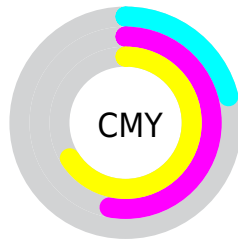
- Red (79%)
- Green (47%)
- Blue (34%)



- Red (79%)
- Yellow (51%)
- Blue (34%)



- Cyan (0%)
- Magenta (41%)
- Yellow (57%)
- Black (21%)



- Cyan (21%)
- Magenta (53%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color CA7757 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 CA7757 by changing the saturation by 10% instead.

 CA7757

 CA7757

FFFFFF

 AD5E3F

 FFAC89

 904529

 FFC8A4

 732D13

 FFE4BF

 581500

 FFFFDB

 3C0000

 FFFFF8

 240001

 000000

 CA7757

 CA7757

 CA6843

 CA866B

CA5A2F

CA947F

CA4B1A

CAA394

CA3D06

CAB1A8

CA3800

CAC0BC

CACED0

CADDE4

CAECF9

CAFAFF

Harmonies

Analogous

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



D46E79



CA7757



B18542

Triad

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



CA7757



219F7A



7589D5

Complementary

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



CA7757



57AACA

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.



0495D5



CA7757



00A0A1

Square

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



CA7757



639A57



009DC3



AB7AC0

Rectangle

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



CA7757



9B8D3F



009DC3



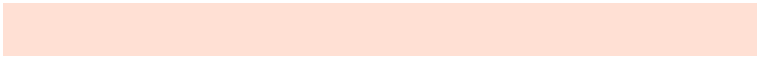
5D8ED7

Sweetspot

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



CA7757



FFE0D4



CA57AB



806D66



000000



808080

Same Dimension

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



CA7757



FF8252



CAAF57



665F5C



A62E00



260B00

Inverse Universe

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



57AACA



52CFFF



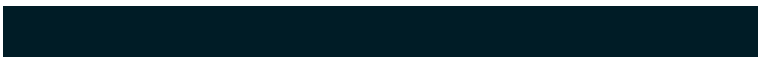
5772CA



5C6366



0078A6



001C26

Previews

White Background



This preview shows how the Hex color CA7757 looks on a white background.

Color Contrast Check

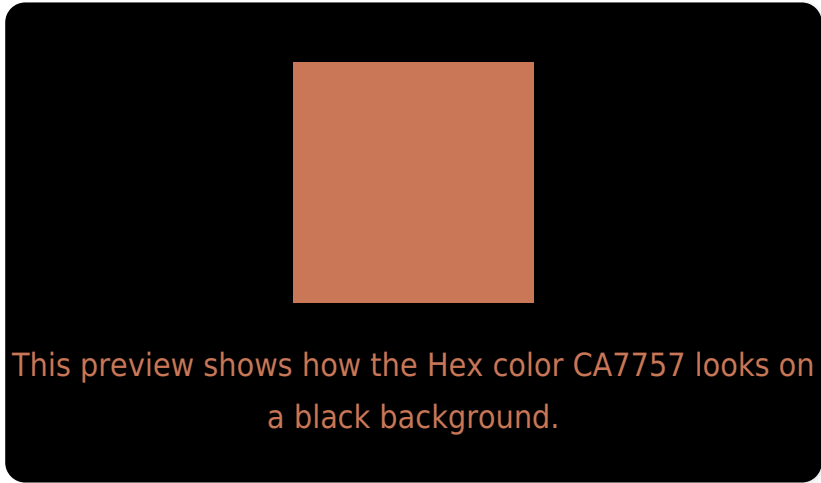
Large Text (above 18pt) WCAG AA ✓ Pass

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

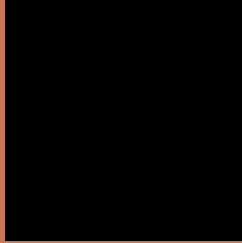
Any Text WCAG AA ✓ Pass

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 CA7757 Background



This preview shows how black text looks on a background with the Hex color CA7757.



This preview shows how white text looks on a background with the Hex color CA7757.

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
CA7757

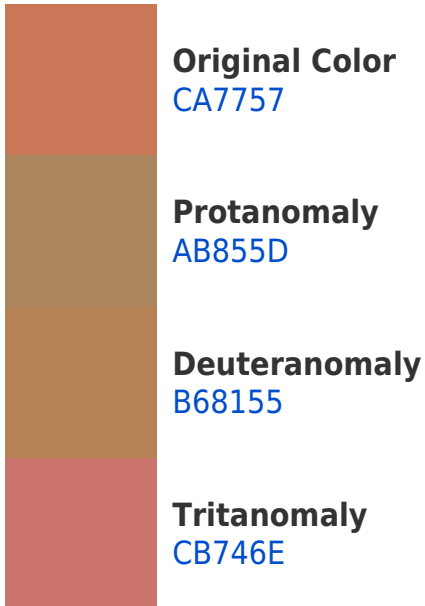
Protanopia
998D60

Deuteranopia
AB8754

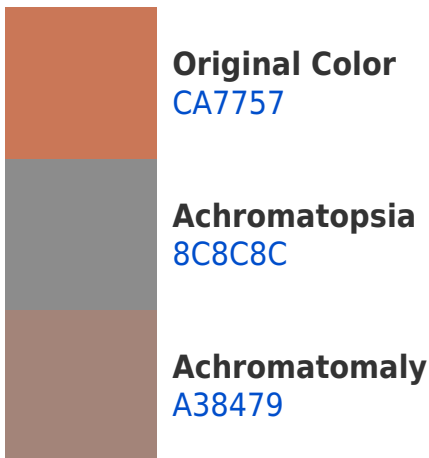


Tritanopia
CC727B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CA7757 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 #CA7757 looks like.

```
.text, #text, p{  
    color:#CA7757  
}
```

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 #CA7757 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA7757
}
```

Border

The CSS property to change the border of an element to Hex CA7757 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
#CA7757 }
```

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

```
.border{ border-color:#CA7757 }
```

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

Here you see how a box with a 4 pixel #CA7757 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA7757; -webkit-box-shadow:4px 4px  
4px 4px #CA7757; box-shadow:4px 4px 4px  
4px #CA7757 }
```

Background

The CSS property to change the background color of an element to Hex CA7757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA7757 }
```

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

```
.background{ background-color:#CA7757 }
```

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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