

# Converting Colors

Hex(C7644E)

Have a look what the booklet for  
Hex(C7644E) contains.

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# Color

**Hex(C7644E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C7644E
RGB	199, 100, 78
RGB Percent	78%, 39%, 31%
CMY	0.2196, 0.6078, 0.6941
CMYK	0.00, 0.50, 0.61, 0.22
HSL	11°, 52%, 54%
HSV	11°, 61%, 78%
XYZ	29.4855, 21.8065, 9.8627
YIQ	127.0930, 66.0660, 14.1460

# Conversions

## Conversions Part 2

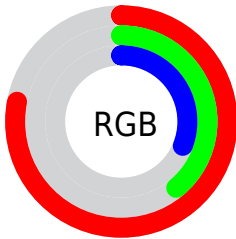
Format	Color
<a href="#">RYB</a>	<a href="#">199, 105, 78</a>
Decimal	<a href="#">13067342</a>
CIELab	<a href="#">53.82, 37.52, 30.56</a>
CIELCh	<a href="#">54, 48.393, 39.162</a>
Yxy	<a href="#">21.8065, 0.4821, 0.3566</a>
Android (android.graphics.Color)	<a href="#">4291257422</a> ( <a href="#">0xFFC7644E</a> )
YUV	<a href="#">127.0930, -24.2028, 63.0624</a>
Hunter-Lab	<a href="#">46.6974, 30.9872, 20.1658</a>

# Details

The Hex color **C7644E** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted orange. A complement of this color would be **4EB1C7**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **FF997F**, and **8C3121** is the 20% darker color. If you saturate the color by 10%, you get **C7543A**, and if you desaturate by 10%, it is **C77462**.

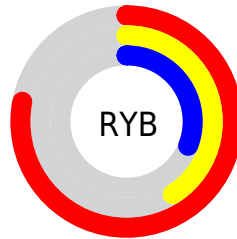
# Distribution



Red (78%)

Green (39%)

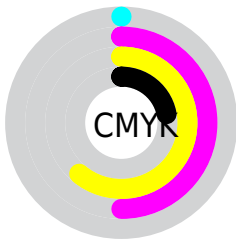
Blue (31%)



Red (78%)

Yellow (41%)

Blue (31%)

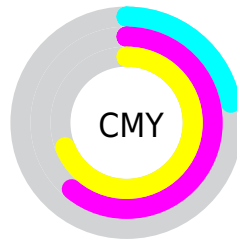


Cyan (0%)

Magenta (50%)

Yellow (61%)

Black (22%)



Cyan (22%)

Magenta (61%)

Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C7644E 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 C7644E by changing the saturation by 10% instead.



 C7644E

 C7644E

FFFFFF

 A94B37

 FF997F

 8C3121

 FFB49A

 6F170B

 FFD0B5

 530000

 FFEDD0

 380000

 FFFFEC

 170000

 000000

 C7644E

 C7644E

 C7543A

 C77462

 C74326

 C78576

 C73312

 C7958A

 C72400

 C7A59E

 C7B5B2

 C7C6C5

 C7D6D9

 C7E6ED

 C7F7FF

# Harmonies

## Analogous

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



CD5B75



C7644E



AF7431

# Triad

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



C7644E



089361



4981D3

# Complementary

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



C7644E



4EB1C7

# 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.



008DCE



C7644E



00958D

# Square

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



C7644E



5F8D3C



0093B4



9470C2

# Rectangle

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



C7644E



987E28



0093B4



1186D4

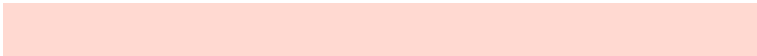


# Sweetspot

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



C7644E



FFD9D1



C74EB3



806963



000000



808080



# Same Dimension

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



C7644E



FF6745



C79F4E



635B5A



A31E00



240600



# Inverse Universe

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



4EB1C7



45DDFF



4E76C7



5A6263



0086A3

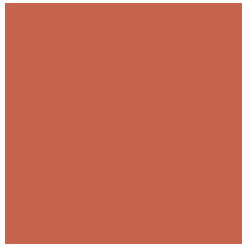


001D24



# Previews

## White Background



This preview shows how the Hex color C7644E looks on a white background.

## Color Contrast Check

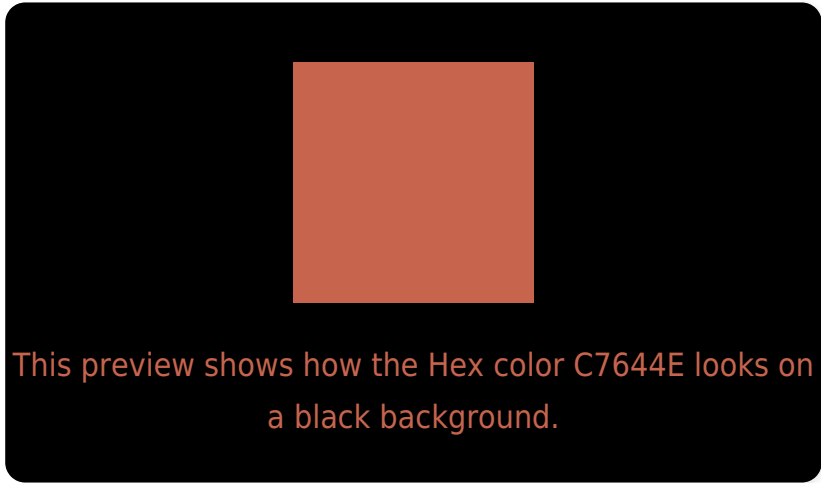
Large Text (above 18pt) WCAG AA ✓ Pass

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 C7644E Background



This preview shows how black text looks on a background with the Hex color C7644E.



This preview shows how white text looks on a background with the Hex color C7644E.

# 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**  
C7644E

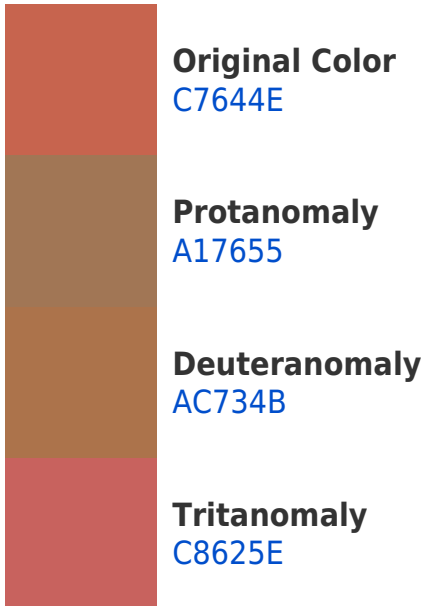
**Protanopia**  
8C8159

**Deuteranopia**  
9D7B4A

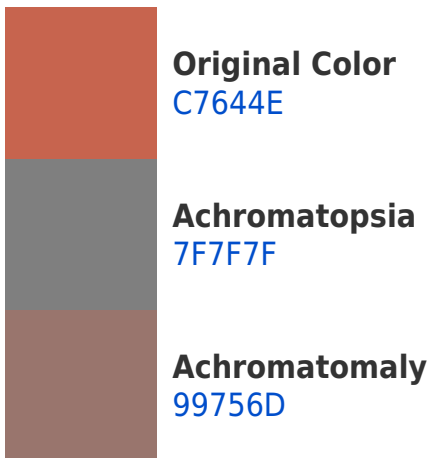


**Tritanopia**  
C96167

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C7644E 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 #C7644E looks like.

```
.text, #text, p{  
    color:#C7644E  
}
```

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 #C7644E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7644E
}
```

## Border

The CSS property to change the border of an element to Hex C7644E is called "border". The border property can be set on classes, ids or directly on the HTML element.

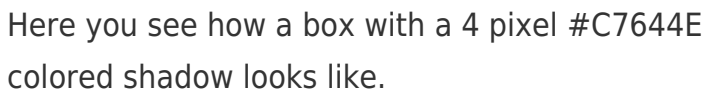
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C7644E }
```

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

```
.border{ border-color:#C7644E }
```

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

A rectangular box with a 4px orange shadow. The box is white with a thin orange border. The shadow is a solid orange color, 4 pixels wide and 4 pixels high, offset to the right and bottom of the box. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #C7644E colored shadow looks like."

Here you see how a box with a 4 pixel #C7644E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7644E; -webkit-box-shadow:4px 4px  
4px 4px #C7644E; box-shadow:4px 4px 4px  
4px #C7644E }
```

# Background

The CSS property to change the background color of an element to Hex C7644E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7644E }
```

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

```
.background{ background-color:#C7644E }
```

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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