

# Converting Colors

Decimal(13400951)

Have a look what the booklet for  
Decimal(13400951) contains.

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# Color

**Decimal(13400951)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CC7B77
RGB	204, 123, 119
RGB Percent	80%, 48%, 47%
CMY	0.2000, 0.5176, 0.5333
CMYK	0.00, 0.40, 0.42, 0.20
HSL	3°, 45%, 63%
HSV	3°, 42%, 80%
XYZ	35.3146, 28.3352, 21.0607
YIQ	146.7630, 49.5600, 15.9280

# Conversions

## Conversions Part 2

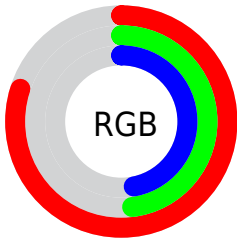
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	204, 123, 119
Decimal	13400951
CIE Lab	60.19, 31.05, 15.70
CIE LCh	60, 34.789, 26.823
Yxy	28.3352, 0.4169, 0.3345
Android (android.graphics.Color)	4291591031 (0xFFCC7B77)
YUV	146.7630, -13.6872, 50.1968
Hunter-Lab	53.2308, 25.2672, 13.8035

# Details

The Decimal color **13400951** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **7850188**, and the grayscale version is **9671571**.

A 20% lighter version of the original color is **16756907**, and **9652551** is the 20% darker color. If you saturate the color by 10%, you get **13396067**, and if you desaturate by 10%, it is **13405835**.

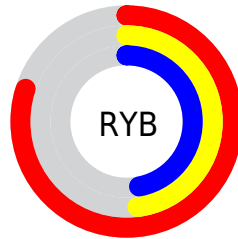
# Distribution



Red (80%)

Green (48%)

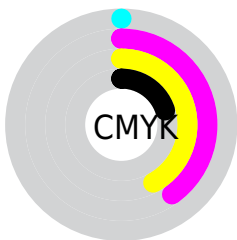
Blue (47%)



Red (80%)

Yellow (48%)

Blue (47%)

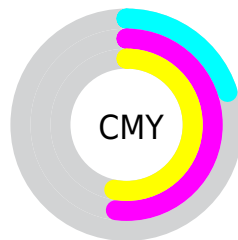


Cyan (0%)

Magenta (40%)

Yellow (42%)

Black (20%)



Cyan (20%)

Magenta (52%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13400951 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 Decimal color 13400951 by changing the saturation by 10% instead.



 13400951       13400951

16777215       11493726

 16756907       9652551

 16764102       7811120

 16771554       6035483

 4325377

 2883585

 0

 13400951       13400951

 13396067       13405835

■ 13390926

■ 13410976

■ 13386042

■ 13415860

■ 13380901

■ 13421001

■ 13376017

■ 13425885

■ 13371904

■ 13431025

■ 13434879

# Harmonies

## Analogous

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



13203862



13400951



12616543

# Triad

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



13400951



6659694



6198734

# Complementary

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



13400951



7850188

# 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.



2072004



13400951



3776909

# Square

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



13400951



9017433



41388



9472712

# Rectangle

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



13400951



11635541



41388



4888780

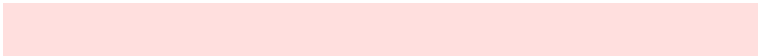


# Sweetspot

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



13400951



16768990



13400009



8416363



0



8421504



# Same Dimension

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



13400951



16746112



13411447



6708316



10881024



2490880



# Inverse Universe

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



7850188



8452607



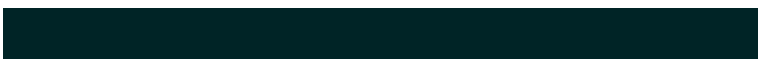
7839692



6055526



40614

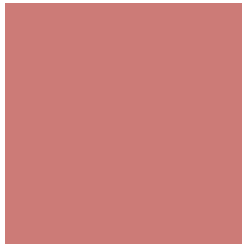


9254



# Previews

## White Background



This preview shows how the Decimal color 13400951 looks on a white background.

## Color Contrast Check

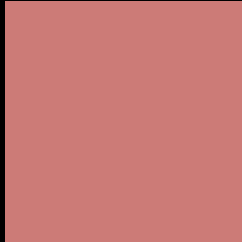
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Decimal color 13400951 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

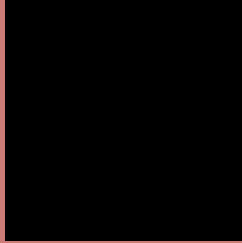
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 13400951 Background



This preview shows how black text looks on a background with the Decimal color 13400951.




This preview shows how white text looks on a background with the Decimal color 13400951.

# 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**  
13465986

# Trichromacy



**Original Color**  
13400951

**Protanomaly**  
11241854

**Deuteranomaly**  
11961973

**Tritanomaly**  
13466238

# Monochromacy



**Original Color**  
13400951

**Achromatopsia**  
9671571

**Achromatomaly**  
11045513

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13400951 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 #CC7B77 looks like.

```
.text, #text, p{  
  color:#CC7B77  
}
```

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 #CC7B77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC7B77
}
```

## Border

The CSS property to change the border of an element to Decimal 13400951 is called "border". The border property can be set on classes, ids or directly on the HTML element.

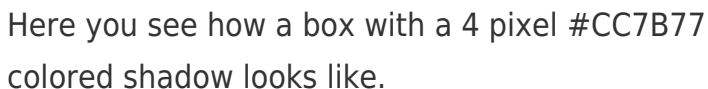
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CC7B77 }
```

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

```
.border{ border-color:#CC7B77 }
```

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



Here you see how a box with a 4 pixel #CC7B77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC7B77; -webkit-box-shadow:4px 4px  
4px 4px #CC7B77; box-shadow:4px 4px 4px  
4px #CC7B77 }
```

# Background

The CSS property to change the background color of an element to Decimal 13400951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC7B77 }
```

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

```
.background{ background-color:#CC7B77 }
```

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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