

# Converting Colors

Decimal(13398871)

Have a look what the booklet for  
Decimal(13398871) contains.

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# Color

**Decimal(13398871)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CC7357
RGB	204, 115, 87
RGB Percent	80%, 45%, 34%
CMY	0.2000, 0.5490, 0.6588
CMYK	0.00, 0.44, 0.57, 0.20
HSL	14°, 53%, 57%
HSV	14°, 57%, 80%
XYZ	32.7529, 25.7870, 12.2679
YIQ	138.4190, 62.0320, 10.1600

# Conversions

## Conversions Part 2

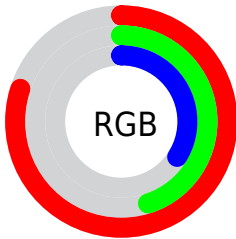
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	204, 124, 87
Decimal	13398871
CIE <sub>Lab</sub>	57.83, 32.29, 30.70
CIE <sub>LCh</sub>	58, 44.557, 43.556
Yxy	25.7870, 0.4626, 0.3642
Android (android.graphics.Color)	4291588951 (0xFFCC7357)
YUV	138.4190, -25.3496, 57.5145
Hunter-Lab	50.7809, 26.2633, 21.2230

# Details

The Decimal color **13398871** 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 **5746892**, and the grayscale version is **9145227**.

A 20% lighter version of the original color is **16754825**, and **9519401** is the 20% darker color. If you saturate the color by 10%, you get **13394755**, and if you desaturate by 10%, it is **13402987**.

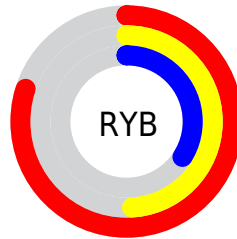
# Distribution



Red (80%)

Green (45%)

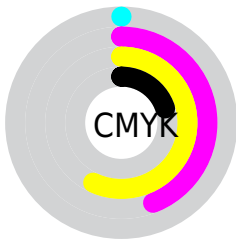
Blue (34%)



Red (80%)

Yellow (49%)

Blue (34%)

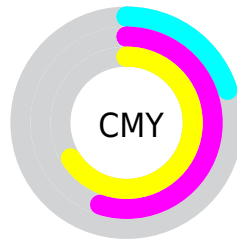


Cyan (0%)

Magenta (44%)

Yellow (57%)

Black (20%)



Cyan (20%)

Magenta (55%)

Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13398871 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 13398871 by changing the saturation by 10% instead.



 13398871       13398871

16777215       11426367

 16754825       9519401

 16762020       7678227

 16769215       5902080

 16776667       3997696

 16777207       2424833

 0

 13398871       13398871

 13394755       13402987

 13390894

 13406848

 13386778

 13410964

 13382917

 13414825

 13381888

 13418941

 13422801

 13426918

 13430778

 13434879

# Harmonies

## Analogous

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



13920891



13398871



11829567

# Triad

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



13398871



2334068



6916567

# Complementary

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



13398871



5746892

# 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.



38357



13398871



40860

# Square

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



13398871



6658128



40128



10844868

# Rectangle

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



13398871



10324538



40128



5082841

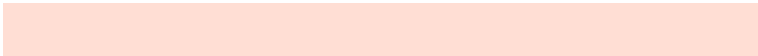


# Sweetspot

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



13398871



16768724



13391793



8416358



0



8421504



# Same Dimension

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



13398871



16742735



13413719



6708828



10889216



2492672



# Inverse Universe

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



5746892



5232127



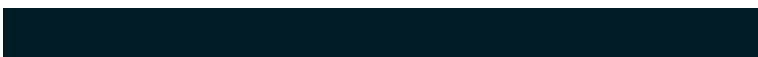
5732044



6055014



32422



7462



# Previews

## White Background



This preview shows how the Decimal color 13398871 looks on a white background.

## Color Contrast Check

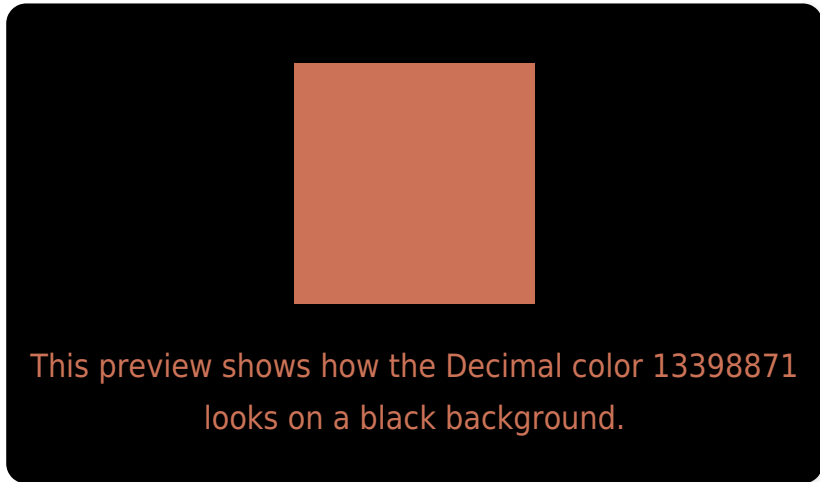
Large Text (above 18pt) WCAG AA ✓ Pass

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

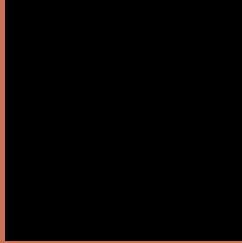
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 13398871 Background



This preview shows how black text looks on a background with the Decimal color 13398871.



This preview shows how white text looks on a background with the Decimal color 13398871.

# 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**  
13398871

**Protanopia**  
9931617

**Deuteranopia**  
11109715



**Tritanopia**  
13528951

# Trichromacy



**Original Color**  
13398871

**Protanomaly**  
11174493

**Deuteranomaly**  
11959892

**Tritanomaly**  
13463659

# Monochromacy



**Original Color**  
13398871

**Achromatopsia**  
9079434

**Achromatomaly**  
10650231

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13398871 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 #CC7357 looks like.

```
.text, #text, p{  
    color:#CC7357  
}
```

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 #CC7357 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC7357
}
```

## Border

The CSS property to change the border of an element to Decimal 13398871 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
#CC7357 }
```

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

```
.border{ border-color:#CC7357 }
```

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

Here you see how a box with a 4 pixel #CC7357 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC7357; -webkit-box-shadow:4px 4px  
4px 4px #CC7357; box-shadow:4px 4px 4px  
4px #CC7357 }
```

# Background

The CSS property to change the background color of an element to Decimal 13398871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC7357 }
```

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

```
.background{ background-color:#CC7357 }
```

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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