

# Converting Colors

Decimal(13337450)

Have a look what the booklet for  
Decimal(13337450) contains.

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# Color

**Decimal(13337450)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CB836A
RGB	203, 131, 106
RGB Percent	80%, 51%, 42%
CMY	0.2039, 0.4863, 0.5843
CMYK	0.00, 0.35, 0.48, 0.20
HSL	15°, 48%, 61%
HSV	15°, 48%, 80%
XYZ	35.3464, 29.9697, 17.5574
YIQ	149.6780, 50.9370, 7.4890

# Conversions

## Conversions Part 2

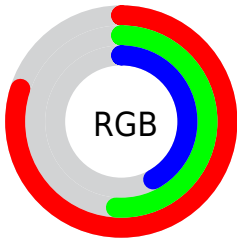
Format	Color
R <sub>Y</sub> B	203, 140, 106
Decimal	13337450
CIE Lab	61.63, 24.96, 24.98
CIE LCh	62, 35.313, 45.029
Yxy	29.9697, 0.4265, 0.3616
Android (android.graphics.Color)	4291527530 (0xFFCB836A)
YUV	149.6780, -21.5333, 46.7634
Hunter-Lab	54.7446, 19.4473, 19.3060

# Details

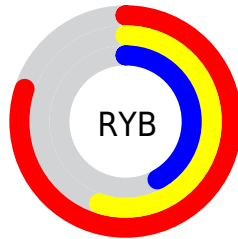
The Decimal color **13337450** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **6992587**, and the grayscale version is **9868950**.

A 20% lighter version of the original color is **16759198**, and **9589050** is the 20% darker color. If you saturate the color by 10%, you get **13333590**, and if you desaturate by 10%, it is **13341310**.

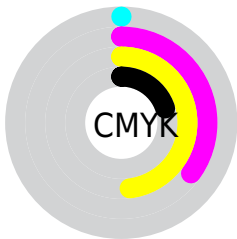
# Distribution



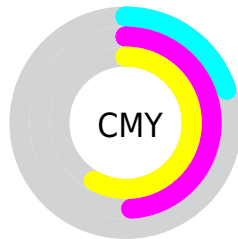
- Red (80%)
- Green (51%)
- Blue (42%)



- Red (80%)
- Yellow (55%)
- Blue (42%)



- Cyan (0%)
- Magenta (35%)
- Yellow (48%)
- Black (20%)



- Cyan (20%)
- Magenta (49%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13337450 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 13337450 by changing the saturation by 10% instead.



 13337450

 13337450

16777215

 11430226

 16759198

 9589050

 16766137

 7747876

 16773588

 5972495

 16777201

 4262656

 2686976

 0

 13337450

 13337450

 13333590

 13341310

 13329729

 13345171

 13325869

 13349031

 13322009

 13352891

 13318149

 13356752

 13317120

 13360612

 13364472

 13368575

 13369343

# Harmonies

## Analogous

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



13794694



13337450



12029529

# Triad

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



13337450



5153924



8491985

# Complementary

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



13337450



6992587

# 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.



4824529



13337450



1680804

# Square

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



13337450



7839848



41920



11306945

# Rectangle

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



13337450



10786134



41920



7378643

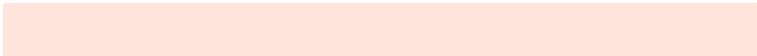


# Sweetspot

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



13337450



16770523



13331123



8417130



0



8421504



# Same Dimension

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



13337450



16749422



13349738



6708828



10889984



2492928



# Inverse Universe

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



6992587



7265023



6980299



6054758



31654



7206



# Previews

## White Background



This preview shows how the Decimal color 13337450 looks on a white background.

## Color Contrast Check

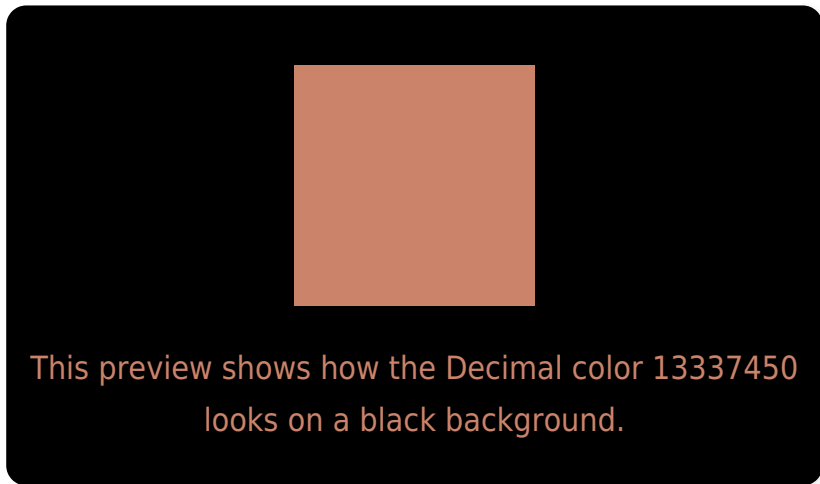
Large Text (above 18pt) WCAG AA ✓ Pass

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

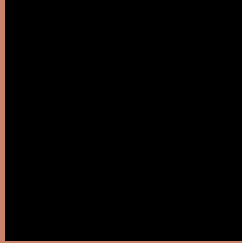
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 13337450 Background



This preview shows how black text looks on a background with the Decimal color 13337450.



This preview shows how white text looks on a background with the Decimal color 13337450.

# 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**  
13337450

**Protanopia**  
10524018

**Deuteranopia**  
11702120



**Tritanopia**  
13467528

# Trichromacy



**Original Color**  
13337450

**Protanomaly**  
11570799

**Deuteranomaly**  
12290921

**Tritanomaly**  
13402237

# Monochromacy



**Original Color**  
13337450

**Achromatopsia**  
9868950

**Achromatomaly**  
11112326

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13337450 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 #CB836A looks like.

```
.text, #text, p{  
  color:#CB836A  
}
```

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 #CB836A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB836A
}
```

## Border

The CSS property to change the border of an element to Decimal 13337450 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
#CB836A }
```

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

```
.border{ border-color:#CB836A }
```

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

Here you see how a box with a 4 pixel #CB836A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB836A; -webkit-box-shadow:4px 4px  
4px 4px #CB836A; box-shadow:4px 4px 4px  
4px #CB836A }
```

# Background

The CSS property to change the background color of an element to Decimal 13337450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB836A }
```

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

```
.background{ background-color:#CB836A }
```

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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