

# Converting Colors

Decimal(13199437)

Have a look what the booklet for  
Decimal(13199437) contains.

<b>Decimal(13199437)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Decimal(13199437)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C9684D
RGB	201, 104, 77
RGB Percent	79%, 41%, 30%
CMY	0.2118, 0.5922, 0.6980
CMYK	0.00, 0.48, 0.62, 0.21
HSL	13°, 53%, 55%
HSV	13°, 62%, 79%
XYZ	30.3773, 22.8540, 9.8314
YIQ	129.9250, 66.4790, 12.1670

# Conversions

## Conversions Part 2

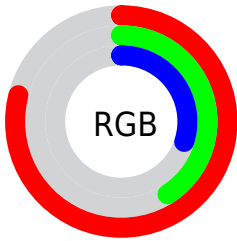
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	201, 112, 77
Decimal	13199437
CIE Lab	54.92, 36.16, 32.55
CIE LCh	55, 48.652, 41.998
Yxy	22.8540, 0.4817, 0.3624
Android (android.graphics.Color)	4291389517 (0xFFC9684D)
YUV	129.9250, -26.0920, 62.3328
Hunter-Lab	47.8058, 29.7641, 21.2709

# Details

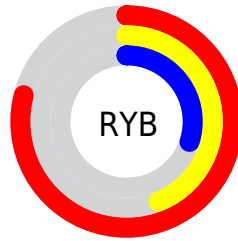
The Decimal color **13199437** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **5091017**, and the grayscale version is **8553090**.

A 20% lighter version of the original color is **16751999**, and **9319968** is the 20% darker color. If you saturate the color by 10%, you get **13195321**, and if you desaturate by 10%, it is **13203553**.

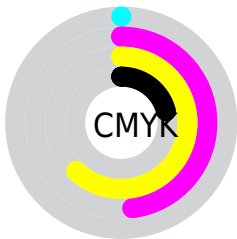
# Distribution



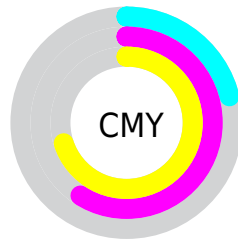
- Red (79%)
- Green (41%)
- Blue (30%)



- Red (79%)
- Yellow (44%)
- Blue (30%)



- Cyan (0%)
- Magenta (48%)
- Yellow (62%)
- Black (21%)



- Cyan (21%)
- Magenta (59%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13199437 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 13199437 by changing the saturation by 10% instead.



 13199437       13199437

16777215       11226934

 16751999       9319968

 16758937       7412745

 16766132       5570560

 16773583       3735552

 16777196       1835009


 0

 13199437       13199437

 13195321       13203553

 13191461

 13207413

 13187345

 13211529

 13184000

 13215645

 13219762

 13223622

 13227738

 13231854

 13235967

# Harmonies

## Analogous

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



13721204



13199437



11565105

# Triad

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



13199437



38504



5669590

# Complementary

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



13199437



5091017

# 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.



36819



13199437



39060

# Square

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



13199437



6066498



38587



10252738

# Rectangle

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



13199437



9994794



38587



2918360

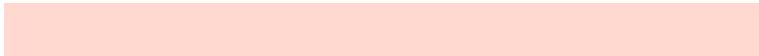


# Sweetspot

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



13199437



16767439



13192622



8415586



0



8421504



# Same Dimension

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



13199437



16739138



13215309



6511706



10691584



2361344



# Inverse Universe

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



5091017



4380415



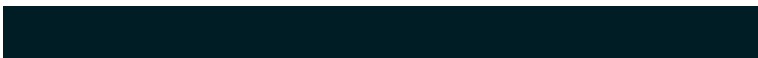
5075145



5923171



32931

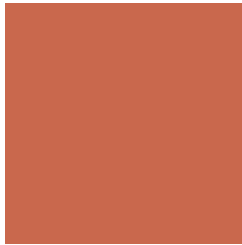


7204



# Previews

## White Background



This preview shows how the Decimal color 13199437 looks on a white background.

## Color Contrast Check

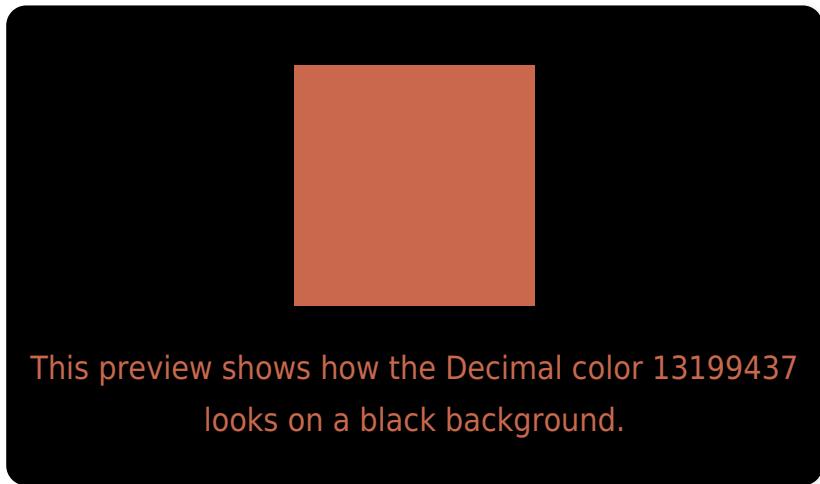
Large Text (above 18pt) WCAG AA ✓ Pass

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 13199437 Background



This preview shows how black text looks on a background with the Decimal color 13199437.

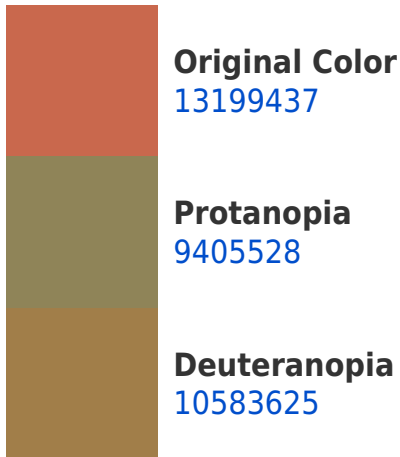



This preview shows how white text looks on a background with the Decimal color 13199437.

# 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**  
13329515

# Trichromacy



**Original Color**  
13199437

**Protanomaly**  
10779220

**Deuteranomaly**  
11564618

**Tritanomaly**  
13264224

# Monochromacy



**Original Color**  
13199437

**Achromatopsia**  
8553090

**Achromatomaly**  
10254703

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13199437 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 #C9684D looks like.

```
.text, #text, p{  
    color:#C9684D  
}
```

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 #C9684D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C9684D
}
```

## Border

The CSS property to change the border of an element to Decimal 13199437 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
#C9684D }
```

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

```
.border{ border-color:#C9684D }
```

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

Here you see how a box with a 4 pixel #C9684D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C9684D; -webkit-box-shadow:4px 4px  
4px 4px #C9684D; box-shadow:4px 4px 4px  
4px #C9684D }
```

# Background

The CSS property to change the background color of an element to Decimal 13199437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C9684D }
```

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

```
.background{ background-color:#C9684D }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor