

# Converting Colors

Decimal(13083005)

Have a look what the booklet for  
Decimal(13083005) contains.

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# **Color**

**Decimal(13083005)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | C7A17D                     |
| RGB           | 199, 161, 125              |
| RGB Percent   | 78%, 63%, 49%              |
| CMY           | 0.2196, 0.3686, 0.5098     |
| CMYK          | 0.00, 0.19, 0.37, 0.22     |
| HSL           | 29°, 40%, 64%              |
| HSV           | 29°, 37%, 78%              |
| XYZ           | 39.9997, 39.1125, 24.8433  |
| YIQ           | 168.2580, 34.2040, -3.1400 |

# Conversions

## Conversions Part 2

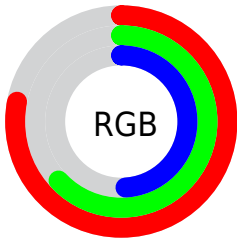
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 199, 195, 125                  |
| Decimal                             | 13083005                       |
| CIELab                              | 68.83, 9.04, 24.05             |
| CIELCh                              | 69, 25.693, 69.410             |
| Yxy                                 | 39.1125, 0.3848,<br>0.3762     |
| Android<br>(android.graphics.Color) | 4291273085<br>(0xFFC7A17D)     |
| YUV                                 | 168.2580, -21.3262,<br>26.9607 |
| Hunter-Lab                          | 62.5400, 4.7211,<br>20.2257    |

# Details

The Decimal color **13083005** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **8233927**, and the grayscale version is **11053224**.

A 20% lighter version of the original color is **16767154**, and **9465164** is the 20% darker color. If you saturate the color by 10%, you get **13080425**, and if you desaturate by 10%, it is **13085585**.

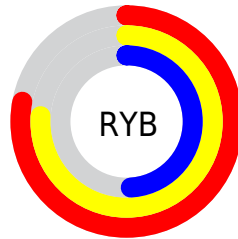
# Distribution



Red (78%)

Green (63%)

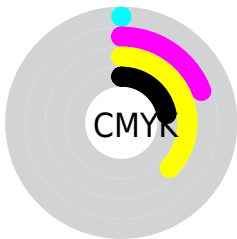
Blue (49%)



Red (78%)

Yellow (76%)

Blue (49%)

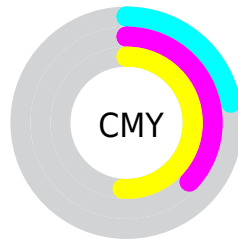


Cyan (0%)

Magenta (19%)

Yellow (37%)

Black (22%)



Cyan (22%)

Magenta (37%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13083005 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 13083005 by changing the saturation by 10% instead.



 13083005

 13083005

16777215

 11241316

 16767154

 9465164

 16774349

 7689525

 16777194

 5979679

 4335624

 2757632

 655360

 0

 13083005

 13083005

 13080425

 13085585

 13077845

 13088165

 13075009

 13091001

 13072429

 13093581

 13069849

 13096161

 13067270

 13098740

 13066496

 13101567

 13104127

 13106687

# Harmonies

## Analogous

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



13933195



13083005



11708794

# Triad

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



13083005



6862255



11902924

# Complementary

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



13083005



8233927

# 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.



9808085



13083005



6599621

# Square

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



13083005



8238231



7778259



13408697

# Rectangle

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



13083005



10595711



7778259



11248336

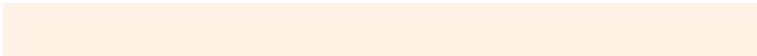


# Sweetspot

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



13083005



16773603



13073827



8419183



0



8421504



# Same Dimension

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



13083005



16761996



13092477



6512218



10702592



2363648

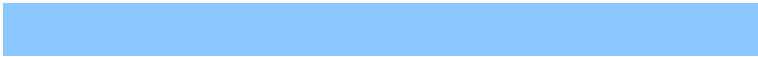


# Inverse Universe

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



8233927



9226239



8224455



5922659



21667



4644



# Previews

## White Background



This preview shows how the Decimal color 13083005 looks on a white background.

## Color Contrast Check

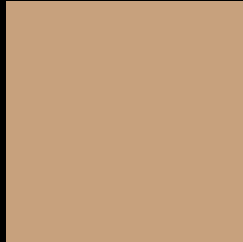
Large Text (above 18pt) WCAG AA × Fail

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 13083005 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

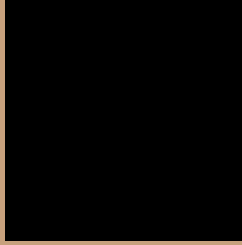
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 13083005 Background



This preview shows how black text looks on a background with the Decimal color 13083005.



This preview shows how white text looks on a background with the Decimal color 13083005.

# 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**  
13083005

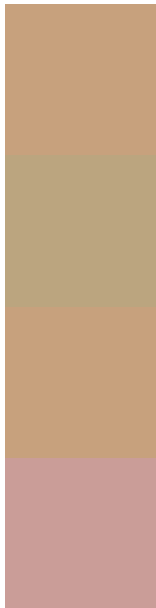
**Protanopia**  
11839616

**Deuteranopia**  
13083005



**Tritanopia**  
13343655

# Trichromacy



**Original Color**  
13083005

**Protanomaly**  
12297599

**Deuteranomaly**  
13083005

**Tritanomaly**  
13278616

# Monochromacy



**Original Color**  
13083005

**Achromatopsia**  
11053224

**Achromatomaly**  
11773336

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13083005 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 #C7A17D looks like.

```
.text, #text, p{  
    color:#C7A17D  
}
```

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 #C7A17D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7A17D  
}
```

## Border

The CSS property to change the border of an element to Decimal 13083005 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  
#C7A17D }
```

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

```
.border{ border-color:#C7A17D }
```

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

Here you see how a box with a 4 pixel #C7A17D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7A17D; -webkit-box-shadow:4px 4px  
4px 4px #C7A17D; box-shadow:4px 4px 4px  
4px #C7A17D }
```

# Background

The CSS property to change the background color of an element to Decimal 13083005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7A17D }
```

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

```
.background{ background-color:#C7A17D }
```

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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