

Converting Colors

Decimal(13083004)

Have a look what the booklet for
Decimal(13083004) contains.

Decimal(13083004)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(13083004)

Conversions

Conversions Part 1

Format	Color
Hex	C7A17C
RGB	199, 161, 124
RGB Percent	78%, 63%, 49%
CMY	0.2196, 0.3686, 0.5137
CMYK	0.00, 0.19, 0.38, 0.22
HSL	30°, 40%, 63%
HSV	30°, 38%, 78%
XYZ	39.9361, 39.0871, 24.5085
YIQ	168.1440, 34.5250, -3.4510

Conversions

Conversions Part 2

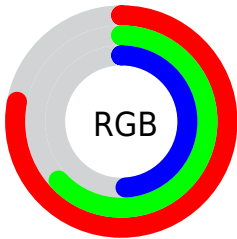
Format	Color
R_{YB}	199, 197, 124
Decimal	13083004
CIE _{Lab}	68.81, 8.92, 24.57
CIE _{LCh}	69, 26.139, 70.056
Yxy	39.0871, 0.3857, 0.3775
Android (android.graphics.Color)	4291273084 (0xFFC7A17C)
YUV	168.1440, -21.7630, 27.0607
Hunter-Lab	62.5197, 4.6123, 20.5214

Details

The Decimal color **13083004** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **8168135**, and the grayscale version is **11053224**.

A 20% lighter version of the original color is **16767153**, and **9465419** is the 20% darker color. If you saturate the color by 10%, you get **13080424**, and if you desaturate by 10%, it is **13085584**.

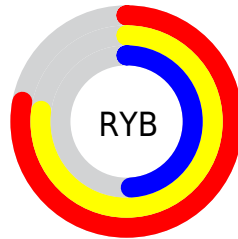
Distribution



Red (78%)

Green (63%)

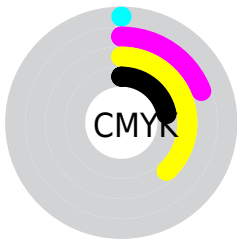
Blue (49%)



Red (78%)

Yellow (77%)

Blue (49%)

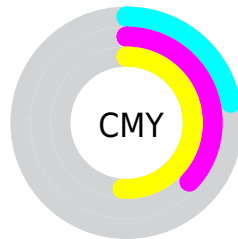


Cyan (0%)

Magenta (19%)

Yellow (38%)

Black (22%)



Cyan (22%)

Magenta (37%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 13083004 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 13083004 by changing the saturation by 10% instead.

 13083004

 13083004

16777215

 11241315

 16767153

 9465419

 16774348

 7689524

 16777193

 5979678

 4335623

 2757632

 655360

 0

 13083004

 13083004

 13080424

 13085584

 13077844

 13088164

 13075264

 13090744

 13072684

 13093324

 13070105

 13095904

 13067525

 13098483

 13066752

 13101311

 13103871

 13106431

Harmonies

Analogous

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



13998731



13083004



11643257

Triad

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



13083004



6731183



11968460

Complementary

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



13083004



8168135

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.



9873366



13083004



6468805

Square

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



13083004



8172695



7712724



13474233

Rectangle

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



13083004



10530431



7712724



11313873

Sweetspot

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



13083004



16773603



13073571



8419183



0



8421504

Same Dimension

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



13083004



16762252



13092476



6512218



10703104



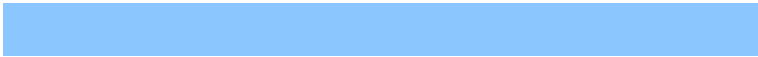
2363904

Inverse Universe

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



8168135



9225983



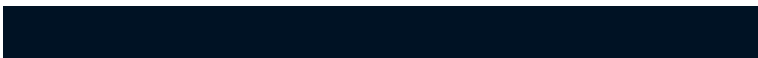
8158663



5922659



21411



4644

Previews

White Background



This preview shows how the Decimal color 13083004 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 13083004 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

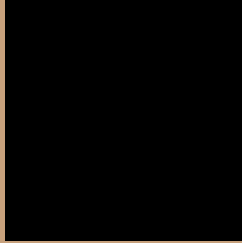
Any Text WCAG AA ✓ Pass

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 13083004 Background



This preview shows how black text looks on a background with the Decimal color 13083004.




This preview shows how white text looks on a background with the Decimal color 13083004.

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
13343655

Trichromacy



Original Color
13083004

Protanomaly
12297598

Deuteranomaly
13083004

Tritanomaly
13278615

Monochromacy



Original Color
13083004

Achromatopsia
11053224

Achromatomaly
11773336

CSS Examples

Text

The CSS property to change the color of the text to Decimal 13083004 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 #C7A17C looks like.

```
.text, #text, p{  
    color:#C7A17C  
}
```

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 #C7A17C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7A17C
}
```

Border

The CSS property to change the border of an element to Decimal 13083004 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
#C7A17C }
```

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

```
.border{ border-color:#C7A17C }
```

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

Here you see how a box with a 4 pixel #C7A17C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7A17C; -webkit-box-shadow:4px 4px  
4px 4px #C7A17C; box-shadow:4px 4px 4px  
4px #C7A17C }
```

Background

The CSS property to change the background color of an element to Decimal 13083004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7A17C }
```

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

```
.background{ background-color:#C7A17C }
```

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