

# Converting Colors

Decimal(13085315)

Have a look what the booklet for  
Decimal(13085315) contains.

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# **Color**

**Decimal(13085315)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C7AA83
RGB	199, 170, 131
RGB Percent	78%, 67%, 51%
CMY	0.2196, 0.3333, 0.4863
CMYK	0.00, 0.15, 0.34, 0.22
HSL	34°, 38%, 65%
HSV	34°, 34%, 78%
XYZ	42.0246, 42.5303, 27.4670
YIQ	174.2250, 29.8030, -5.9810

# Conversions

## Conversions Part 2

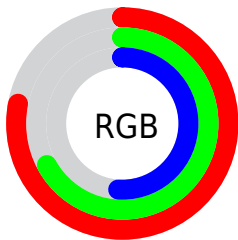
Format	Color
<a href="#">RYB</a>	<a href="#">182, 199, 131</a>
Decimal	<a href="#">13085315</a>
CIELab	<a href="#">71.23, 4.90, 24.03</a>
CIELCh	<a href="#">71, 24.529, 78.478</a>
Yxy	<a href="#">42.5303, 0.3751, 0.3797</a>
Android (android.graphics.Color)	<a href="#">4291275395</a> ( <a href="#">0xFFC7AA83</a> )
YUV	<a href="#">174.2250, -21.3099, 21.7277</a>
Hunter-Lab	<a href="#">65.2152, 0.8986, 20.6793</a>

# Details

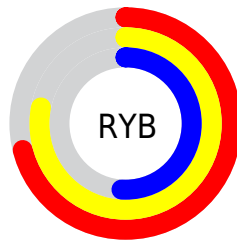
The Decimal color **13085315** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **8626375**, and the grayscale version is **11447982**.

A 20% lighter version of the original color is **16769464**, and **9467473** is the 20% darker color. If you saturate the color by 10%, you get **13083247**, and if you desaturate by 10%, it is **13087383**.

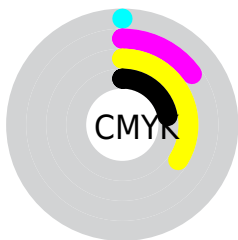
# Distribution



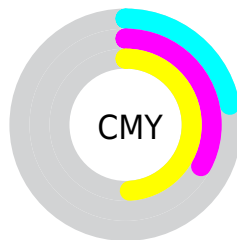
- Red (78%)
- Green (67%)
- Blue (51%)



- Red (71%)
- Yellow (78%)
- Blue (51%)



- Cyan (0%)
- Magenta (15%)
- Yellow (34%)
- Black (22%)



- Cyan (22%)
- Magenta (33%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13085315 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 13085315 by changing the saturation by 10% instead.



 13085315

 13085315

16777215

 11243626

 16769464

 9467473

 16776916

 7757114

 16777200

 6047268

 4403214

 2890496

 1179648

 0

 13085315

 13085315

 13083247

 13087383

 13080923

 13089707

 13078855

 13091775

 13076531

 13094099

 13074463

 13096167

 13072140

 13098490

 13070848

 13100543

 13102847

 13104895

# Harmonies

## Analogous

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



14132110



13085315



11645316

# Triad

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



13085315



7322556



12821708

# Complementary

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



13085315



8626375

# 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.



10923225



13085315



7518415

# Square

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



13085315



8370853



8958938



14065592

# Rectangle

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



13085315



10532235



8958938



12232657

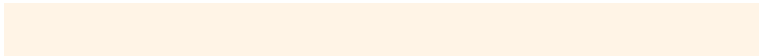


# Sweetspot

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



13085315



16774374



13075360



8419696



0



8421504



# Same Dimension

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



13085315



16765590



12765059



6512474



10706432



2364416

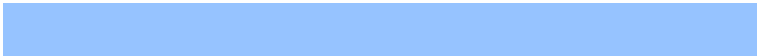


# Inverse Universe

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



8626375



9880575



8946631



5922403



18083

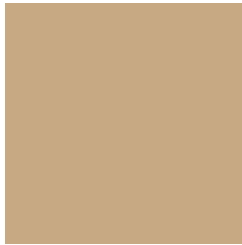


3876



# Previews

## White Background



This preview shows how the Decimal color 13085315 looks on a white background.

## Color Contrast Check

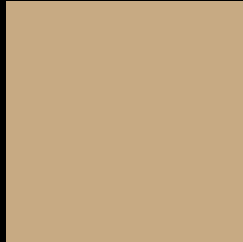
Large Text (above 18pt) WCAG AA × Fail

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 13085315 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 13085315 Background



This preview shows how black text looks on a background with the Decimal color 13085315.



This preview shows how white text looks on a background with the Decimal color 13085315.

# 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**  
13085315

**Protanopia**  
12299909

**Deuteranopia**  
13543300



**Tritanopia**  
13411505

# Trichromacy



**Original Color**  
13085315

**Protanomaly**  
12561796

**Deuteranomaly**  
13346948

**Tritanomaly**  
13280928

# Monochromacy



**Original Color**  
13085315

**Achromatopsia**  
11447982

**Achromatomaly**  
12037534

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13085315 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 #C7AA83 looks like.

```
.text, #text, p{  
    color:#C7AA83  
}
```

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 #C7AA83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7AA83
}
```

## Border

The CSS property to change the border of an element to Decimal 13085315 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
#C7AA83 }
```

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

```
.border{ border-color:#C7AA83 }
```

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

Here you see how a box with a 4 pixel #C7AA83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7AA83; -webkit-box-shadow:4px 4px  
4px 4px #C7AA83; box-shadow:4px 4px 4px  
4px #C7AA83 }
```

# Background

The CSS property to change the background color of an element to Decimal 13085315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7AA83 }
```

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

```
.background{ background-color:#C7AA83 }
```

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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