

# Converting Colors

Decimal(13217691)

Have a look what the booklet for  
Decimal(13217691) contains.

<b>Decimal(13217691)</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(13217691)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C9AF9B
RGB	201, 175, 155
RGB Percent	79%, 69%, 61%
CMY	0.2118, 0.3137, 0.3922
CMYK	0.00, 0.13, 0.23, 0.21
HSL	26°, 30%, 70%
HSV	26°, 23%, 79%
XYZ	45.3338, 45.4440, 37.3926
YIQ	180.4940, 21.9160, -0.7080

# Conversions

## Conversions Part 2

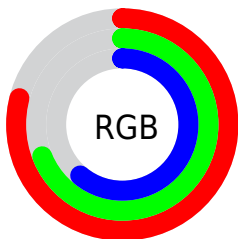
Format	Color
<b>R<sub>YB</sub></b>	201, 190, 155
Decimal	13217691
CIE <sub>Lab</sub>	73.18, 6.25, 13.71
CIE <sub>LCh</sub>	73, 15.064, 65.495
Yxy	45.4440, 0.3537, 0.3546
Android (android.graphics.Color)	4291407771 (0xFFC9AF9B)
YUV	180.4940, -12.5685, 17.9838
Hunter-Lab	67.4122, 2.0675, 14.3012

# Details

The Decimal color **13217691** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **10204617**, and the grayscale version is **11908533**.

A 20% lighter version of the original color is **16771025**, and **9599848** is the 20% darker color. If you saturate the color by 10%, you get **13214855**, and if you desaturate by 10%, it is **13220527**.

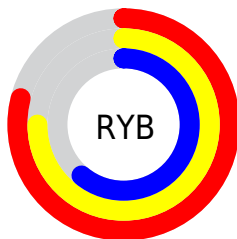
# Distribution



Red (79%)

Green (69%)

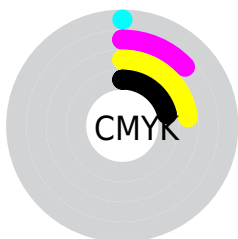
Blue (61%)



Red (79%)

Yellow (75%)

Blue (61%)

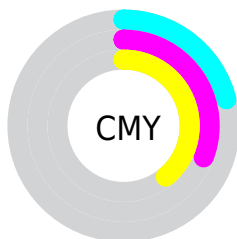


Cyan (0%)

Magenta (13%)

Yellow (23%)

Black (21%)



Cyan (21%)

Magenta (31%)

Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13217691 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 13217691 by changing the saturation by 10% instead.



 13217691

 13217691


16777215

 11375745

 16771025

 9599848

 16777198

 7889488

 6244921

 4666147

 3153422

 1705472

 0

 13217691

 13217691

 13214855

 13220527

 13211763

 13223619

 13208927

 13226455

 13206091


 13229291

 13202998


 13232383

 13200162

 13235199

 13197070

 13238271

 13195008

# Harmonies

## Analogous

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



13675428



13217691



12367000

# Triad

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



13217691



9682102



12234698

# Complementary

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



13217691



10204617

# 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.



11056335



13217691



9485251

# Square

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



13217691



10337192



10008780



13151423

# Rectangle

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



13217691



11712155



10008780



11841996

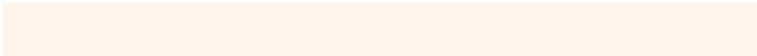


# Sweetspot

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



13217691



16774637



13212597



8419957



0



8421504



# Same Dimension

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



13217691



16767162



13223579



6512218



10700544



2363392

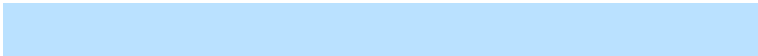


# Inverse Universe

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



10204617



12247551



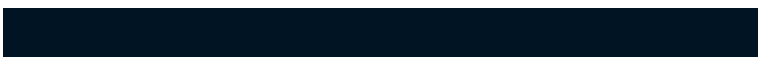
10198729



5922659



23715



5156



# Previews

## White Background



This preview shows how the Decimal color 13217691 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 13217691 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

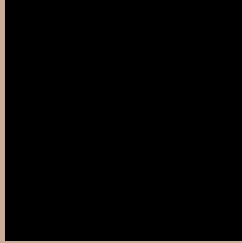
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 13217691 Background



This preview shows how black text looks on a background with the Decimal color 13217691.



This preview shows how white text looks on a background with the Decimal color 13217691.

# 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**  
13217691

**Protanopia**  
12366749

**Deuteranopia**  
13544859



**Tritanopia**  
13478840

# Trichromacy



**Original Color**  
13217691

**Protanomaly**  
12694172

**Deuteranomaly**  
13414043

**Tritanomaly**  
13413549

# Monochromacy



**Original Color**  
13217691

**Achromatopsia**  
11842740

**Achromatomaly**  
12366507

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13217691 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 #C9AF9B looks like.

```
.text, #text, p{  
    color:#C9AF9B  
}
```

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 #C9AF9B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C9AF9B
}
```

## Border

The CSS property to change the border of an element to Decimal 13217691 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
#C9AF9B }
```

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

```
.border{ border-color:#C9AF9B }
```

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

Here you see how a box with a 4 pixel #C9AF9B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C9AF9B; -webkit-box-shadow:4px 4px  
4px 4px #C9AF9B; box-shadow:4px 4px 4px  
4px #C9AF9B }
```

# Background

The CSS property to change the background color of an element to Decimal 13217691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C9AF9B }
```

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

```
.background{ background-color:#C9AF9B }
```

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