

# Converting Colors

Decimal(13217080)

Have a look what the booklet for  
Decimal(13217080) contains.

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# **Color**

**Decimal(13217080)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C9AD38
RGB	201, 173, 56
RGB Percent	79%, 68%, 22%
CMY	0.2118, 0.3216, 0.7804
CMYK	0.00, 0.14, 0.72, 0.21
HSL	48°, 57%, 50%
HSV	48°, 72%, 79%
XYZ	39.7448, 42.5902, 9.8673
YIQ	168.0340, 54.2450, -30.4510

# Conversions

## Conversions Part 2

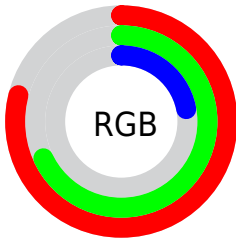
Format	Color
R <sub>Y</sub> B	91, 201, 56
Decimal	13217080
CIE Lab	71.28, -2.29, 60.64
CIE LCh	71, 60.685, 92.166
Yxy	42.5902, 0.4311, 0.4619
Android (android.graphics.Color)	4291407160 (0xFFC9AD38)
YUV	168.0340, -55.2328, 28.9112
Hunter-Lab	65.2611, -5.4985, 36.7183

# Details

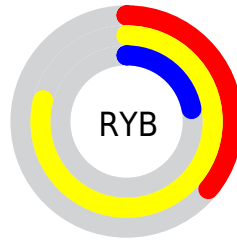
The Decimal color **13217080** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **3691721**, and the grayscale version is **11119017**.

A 20% lighter version of the original color is **16770158**, and **9402624** is the 20% darker color. If you saturate the color by 10%, you get **13216036**, and if you desaturate by 10%, it is **13218124**.

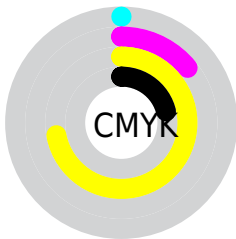
# Distribution



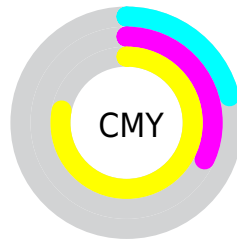
- Red (79%)
- Green (68%)
- Blue (22%)



- Red (36%)
- Yellow (79%)
- Blue (22%)



- Cyan (0%)
- Magenta (14%)
- Yellow (72%)
- Black (21%)



- Cyan (21%)
- Magenta (32%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13217080 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 13217080 by changing the saturation by 10% instead.



 13217080

 13217080

16777215

 11309850

 16770158

 9402624

 16777097

 7561472

 16777125

 5785856

 16777153

 4010752

 16777182

 2366976

 16777211

 67072

 0

 13217080

 13217080

■ 13216036

■ 13218124

■ 13214992

■ 13219168

■ 13214208

■ 13220212

■ 13221256

■ 13222045

■ 13223089

■ 13224133

■ 13225177

■ 13226221

# Harmonies

## Analogous

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



16095564



13217080



9550923

# Triad

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



13217080



51688



16091363

# Complementary

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



13217080



3691721

# 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.



11968255



13217080



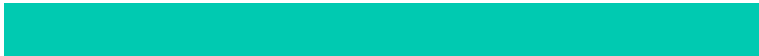
49919

# Square

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



13217080



51889



3847167



16743597

# Rectangle

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



13217080



6407016



3847167



14979059



# Sweetspot

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



13217080



16774343



13187157



8419678



0



8421504



# Same Dimension

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



13217080



16765985



10406200



6513242



10716160



2366720



# Inverse Universe

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



3691721



2182399



6502601



5921635



8355



1828



# Previews

## White Background



This preview shows how the Decimal color 13217080 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 13217080 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 13217080 Background



This preview shows how black text looks on a background with the Decimal color 13217080.



This preview shows how white text looks on a background with the Decimal color 13217080.

# 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**

13217080

**Protanopia**

12889913

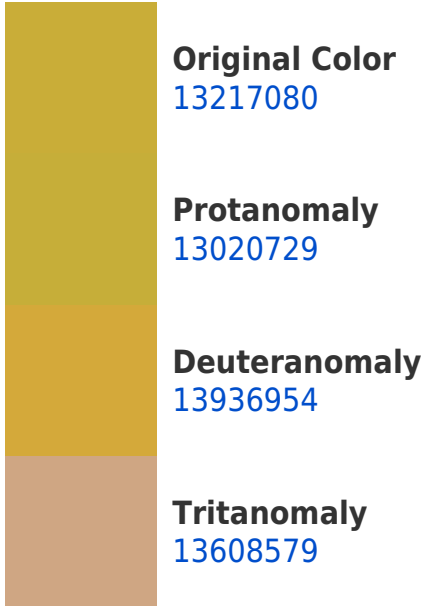
**Deuteranopia**

14329403



**Tritanopia**  
13804206

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13217080 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 #C9AD38 looks like.

```
.text, #text, p{  
    color:#C9AD38  
}
```

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 #C9AD38 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C9AD38
}
```

## Border

The CSS property to change the border of an element to Decimal 13217080 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
#C9AD38 }
```

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

```
.border{ border-color:#C9AD38 }
```

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

Here you see how a box with a 4 pixel #C9AD38 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C9AD38; -webkit-box-shadow:4px 4px  
4px 4px #C9AD38; box-shadow:4px 4px 4px  
4px #C9AD38 }
```

# Background

The CSS property to change the background color of an element to Decimal 13217080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C9AD38 }
```

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

```
.background{ background-color:#C9AD38 }
```

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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