

# Converting Colors

Decimal(13409309)

Have a look what the booklet for  
Decimal(13409309) contains.

<b>Decimal(13409309)</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(13409309)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CC9C1D
RGB	204, 156, 29
RGB Percent	80%, 61%, 11%
CMY	0.2000, 0.3882, 0.8863
CMYK	0.00, 0.24, 0.86, 0.20
HSL	44°, 75%, 46%
HSV	44°, 86%, 80%
XYZ	37.0121, 36.7030, 6.2960
YIQ	155.8740, 69.3750, -29.3210

# Conversions

## Conversions Part 2

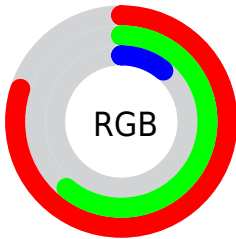
Format	Color
<a href="#">RYB</a>	<a href="#">95, 204, 29</a>
Decimal	<a href="#">13409309</a>
CIELab	<a href="#">67.05, 7.13, 65.86</a>
CIELCh	<a href="#">67, 66.242, 83.819</a>
Yxy	<a href="#">36.7030, 0.4626, 0.4587</a>
Android (android.graphics.Color)	<a href="#">4291599389</a> ( <a href="#">0xFFCC9C1D</a> )
YUV	<a href="#">155.8740, -62.5489, 42.2065</a>
Hunter-Lab	<a href="#">60.5830, 3.0310, 36.2464</a>

# Details

The Decimal color **13409309** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **1920460**, and the grayscale version is **10263708**.

A 20% lighter version of the original color is **16765528**, and **9529600** is the 20% darker color. If you saturate the color by 10%, you get **13407753**, and if you desaturate by 10%, it is **13410865**.

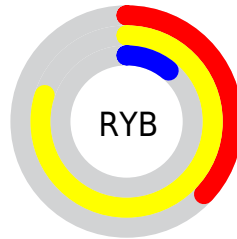
# Distribution



Red (80%)

Green (61%)

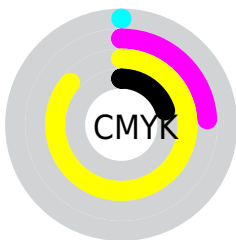
Blue (11%)



Red (37%)

Yellow (80%)

Blue (11%)

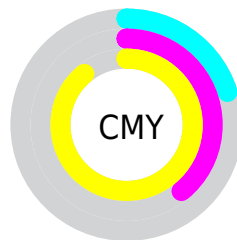


Cyan (0%)

Magenta (24%)

Yellow (86%)

Black (20%)



Cyan (20%)

Magenta (39%)





















Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13409309 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 13409309 by changing the saturation by 10% instead.



 13409309	 13409309
 16777215	 11436544
 16765528	 9529600
 16772723	 7622912
 16777103	 5782272
 16777130	 4007168
 16777159	 2363648
 16777188	 0
 13409309	 13409309
 13407753	 13410865

■ 13407232

■ 13412166

■ 13413722

■ 13415023

■ 13416579

■ 13418135

■ 13419436

■ 13420992

■ 13422293

# Harmonies

## Analogous

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



16221251



13409309



9678376

# Triad

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



13409309



49106



14647018

# Complementary

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



13409309



1920460

# 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.



9279999



13409309



47871

# Square

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



13409309



49044



44799



16739250

# Rectangle

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



13409309



6600263



44799



13207546



# Sweetspot

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



13409309



16772541



13376847



8418648



0



8421504



# Same Dimension

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



13409309



16759040



10931229



6710108



10909696



2497536



# Inverse Universe

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



1920460



18175



4398540



6053734



11686



2598



# Previews

## White Background



This preview shows how the Decimal color 13409309 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 13409309 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 13409309 Background



This preview shows how black text looks on a background with the Decimal color 13409309.



This preview shows how white text looks on a background with the Decimal color 13409309.

# 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**


13409309

**Protanopia**

12100639

**Deuteranopia**

13540126

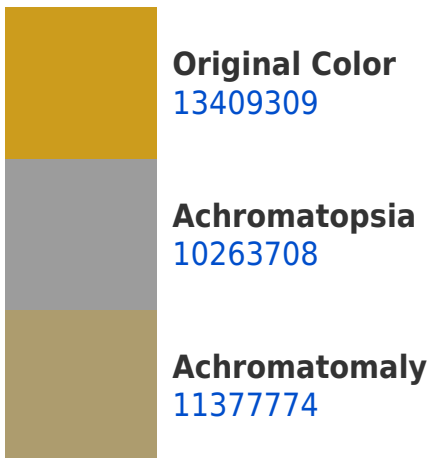


**Tritanopia**  
13865372

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13409309 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 #CC9C1D looks like.

```
.text, #text, p{  
    color:#CC9C1D  
}
```

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 #CC9C1D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC9C1D
}
```

## Border

The CSS property to change the border of an element to Decimal 13409309 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
#CC9C1D }
```

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

```
.border{ border-color:#CC9C1D }
```

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

Here you see how a box with a 4 pixel #CC9C1D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC9C1D; -webkit-box-shadow:4px 4px  
4px 4px #CC9C1D; box-shadow:4px 4px 4px  
4px #CC9C1D }
```

# Background

The CSS property to change the background color of an element to Decimal 13409309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC9C1D }
```

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

```
.background{ background-color:#CC9C1D }
```

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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