

# Converting Colors

Decimal(13009469)

Have a look what the booklet for  
Decimal(13009469) contains.

<b>Decimal(13009469)</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(13009469)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C6823D
RGB	198, 130, 61
RGB Percent	78%, 51%, 24%
CMY	0.2235, 0.4902, 0.7608
CMYK	0.00, 0.34, 0.69, 0.22
HSL	30°, 55%, 51%
HSV	30°, 69%, 78%
XYZ	32.1136, 28.3080, 8.1863
YIQ	142.4660, 62.6770, -7.0430

# Conversions

## Conversions Part 2

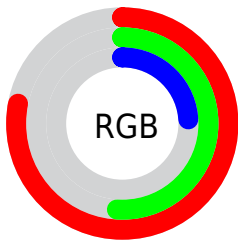
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	196, 198, 61
Decimal	13009469
CIE <sub>Lab</sub>	60.17, 19.95, 46.91
CIE <sub>LCh</sub>	60, 50.973, 66.965
Yxy	28.3080, 0.4681, 0.4126
Android (android.graphics.Color)	4291199549 (0xFFC6823D)
YUV	142.4660, -40.1627, 48.7033
Hunter-Lab	53.2052, 14.6300, 28.1211

# Details

The Decimal color **13009469** is a dark color, and the websafe version is hex **CC9966**. The color can be described as dark muted orange. A complement of this color would be **4030918**, and the grayscale version is **9408399**.

A 20% lighter version of the original color is **16758639**, and **9195528** is the 20% darker color. If you saturate the color by 10%, you get **13006889**, and if you desaturate by 10%, it is **13012049**.

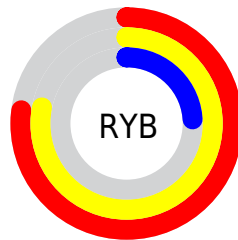
# Distribution



Red (78%)

Green (51%)

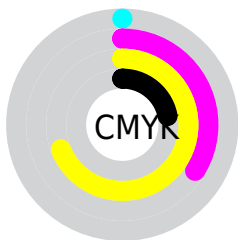
Blue (24%)



Red (77%)

Yellow (78%)

Blue (24%)

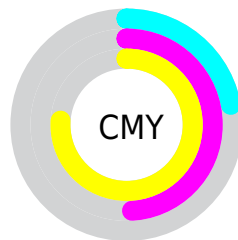


Cyan (0%)

Magenta (34%)

Yellow (69%)

Black (22%)



Cyan (22%)

Magenta (49%)





















Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13009469 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 13009469 by changing the saturation by 10% instead.



 13009469	 13009469
 16777215	 11102500
 16758639	 9195528
 16765834	 7289088
 16773029	 5448448
 16777152	 3673600
 16777180	 2228225
 16777209	 0
 13009469	 13009469
 13006889	 13012049

13004309

13014629

13001986

13016952

13001728

13019532

13022112

13024692

13027272

13029851

13032175

# Harmonies

## Analogous

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



14578013



13009469



10523186

# Triad

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



13009469



42906



10650073

# Complementary

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



13009469



4030918

# 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.



5214954



13009469



42694

# Square

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



13009469



2598252



40931



13660341

# Rectangle

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



13009469



8559164



40931



9144289

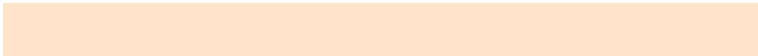


# Sweetspot

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



13009469



16770249



12991874



8417376



0



8421504



# Same Dimension

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



13009469



16750123



13026877



6512474



10703360



2363904



# Inverse Universe

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



4030918



2856191



4013510



5922403



20899



4644



# Previews

## White Background



This preview shows how the Decimal color 13009469 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 13009469 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

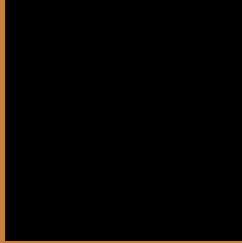
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 13009469 Background



This preview shows how black text looks on a background with the Decimal color 13009469.



This preview shows how white text looks on a background with the Decimal color 13009469.

# 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**  
13009469

**Protanopia**  
10588738

**Deuteranopia**  
11897403



**Tritanopia**  
13269635

# Trichromacy



**Original Color**  
13009469

**Protanomaly**  
11439168

**Deuteranomaly**  
12289852

**Tritanomaly**  
13204842

# Monochromacy



**Original Color**  
13009469

**Achromatopsia**  
9342606

**Achromatomaly**  
10652273

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13009469 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 #C6823D looks like.

```
.text, #text, p{  
    color:#C6823D  
}
```

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 #C6823D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C6823D
}
```

## Border

The CSS property to change the border of an element to Decimal 13009469 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
#C6823D }
```

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

```
.border{ border-color:#C6823D }
```

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

Here you see how a box with a 4 pixel #C6823D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C6823D; -webkit-box-shadow:4px 4px  
4px 4px #C6823D; box-shadow:4px 4px 4px  
4px #C6823D }
```

# Background

The CSS property to change the background color of an element to Decimal 13009469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C6823D }
```

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

```
.background{ background-color:#C6823D }
```

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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