

# Converting Colors

Decimal(13080074)

Have a look what the booklet for  
Decimal(13080074) contains.

<b>Decimal(13080074)</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(13080074)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C7960A
RGB	199, 150, 10
RGB Percent	78%, 59%, 4%
CMY	0.2196, 0.4118, 0.9608
CMYK	0.00, 0.25, 0.95, 0.22
HSL	44°, 90%, 41%
HSV	44°, 95%, 78%
XYZ	34.5143, 33.9767, 5.0262
YIQ	148.6910, 74.1440, -33.1520

# Conversions

## Conversions Part 2

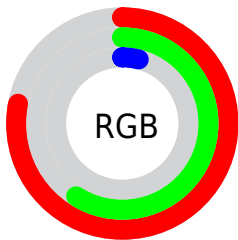
<b>Format</b>	<b>Color</b>
<b>RYB</b>	76, 199, 10
Decimal	13080074
CIELab	64.94, 7.82, 67.81
CIELCh	65, 68.263, 83.422
Yxy	33.9767, 0.4695, 0.4622
Android (android.graphics.Color)	4291270154 (0xFFC7960A)
YUV	148.6910, -68.3747, 44.1210
Hunter-Lab	58.2896, 3.6864, 35.6902

# Details

The Decimal color **13080074** 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 **670663**, and the grayscale version is **9803157**.

A 20% lighter version of the original color is **16763981**, and **9200640** is the 20% darker color. If you saturate the color by 10%, you get **13079296**, and if you desaturate by 10%, it is **13081374**.

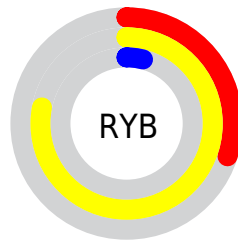
# Distribution



Red (78%)

Green (59%)

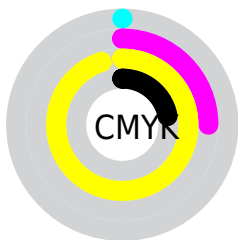
Blue (4%)



Red (30%)

Yellow (78%)

Blue (4%)

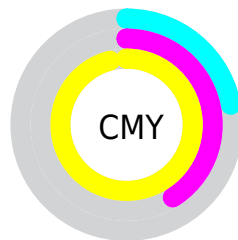


Cyan (0%)

Magenta (25%)

Yellow (95%)

Black (22%)



Cyan (22%)

Magenta (41%)



















Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13080074 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 13080074 by changing the saturation by 10% instead.



 13080074	 13080074
16777215	 11107328
 16763981	 9200640
 16771177	 7293952
 16777092	 5453312
 16777120	 3678464
 16777149	 2099968
 16777177	 0
 16777207	
 13080074	 13080074

■ 13079296

■ 13081374

■ 13082674

■ 13083974

■ 13085530

■ 13086830

■ 13088129

■ 13089429

■ 13090729

■ 13092029

# Harmonies

## Analogous

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



15957307



13080074



9283866

# Triad

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



13080074



47820



14317543

# Complementary

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



13080074



670663

# 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.



8623103



13080074



46591

# Square

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



13080074



47502



43519



16736942

# Rectangle

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



13080074



6074685



43519



12812791



# Sweetspot

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



13080074



16772280



13044284



8418388



0



8421504



# Same Dimension

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



13080074



16760064



10209034



6512986



10713344



2365952



# Inverse Universe

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



670663



17151



3541703



5921891



10915



2340



# Previews

## White Background



This preview shows how the Decimal color 13080074 looks on a white background.

## Color Contrast Check

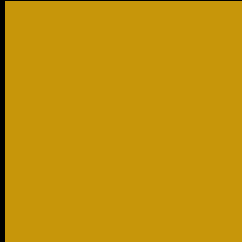
Large Text (above 18pt) WCAG AA × Fail

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 13080074 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 13080074 Background



This preview shows how black text looks on a background with the Decimal color 13080074.



This preview shows how white text looks on a background with the Decimal color 13080074.

# 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**


13080074

**Protanopia**

11705870

**Deuteranopia**

13145611



**Tritanopia**  
13536150

# Trichromacy



**Original Color**  
13080074

**Protanomaly**  
12229389

**Deuteranomaly**  
13145611

**Tritanomaly**  
13340515

# Monochromacy



**Original Color**  
13080074

**Achromatopsia**  
9803157

**Achromatomaly**  
10982754

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13080074 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 #C7960A looks like.

```
.text, #text, p{  
    color:#C7960A  
}
```

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 #C7960A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7960A
}
```

## Border

The CSS property to change the border of an element to Decimal 13080074 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
#C7960A }
```

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

```
.border{ border-color:#C7960A }
```

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

Here you see how a box with a 4 pixel #C7960A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7960A; -webkit-box-shadow:4px 4px  
4px 4px #C7960A; box-shadow:4px 4px 4px  
4px #C7960A }
```

# Background

The CSS property to change the background color of an element to Decimal 13080074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7960A }
```

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

```
.background{ background-color:#C7960A }
```

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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