

# Converting Colors

Decimal(13017974)

Have a look what the booklet for  
Decimal(13017974) contains.

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# **Color**

**Decimal(13017974)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C6A376
RGB	198, 163, 118
RGB Percent	78%, 64%, 46%
CMY	0.2235, 0.3608, 0.5373
CMYK	0.00, 0.18, 0.40, 0.22
HSL	34°, 41%, 62%
HSV	34°, 40%, 78%
XYZ	39.6559, 39.5082, 22.6753
YIQ	168.3350, 35.3050, -6.5750

# Conversions

## Conversions Part 2

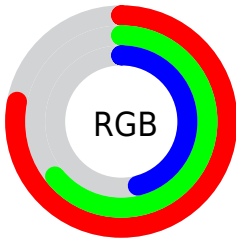
<b>Format</b>	<b>Color</b>
<b>RYB</b>	180, 198, 118
Decimal	13017974
CIELab	69.12, 6.73, 28.21
CIElCh	69, 28.999, 76.581
Yxy	39.5082, 0.3894, 0.3879
Android (android.graphics.Color)	4291208054 (0xFFC6A376)
YUV	168.3350, -24.8152, 26.0162
Hunter-Lab	62.8555, 2.6195, 22.6098

# Details

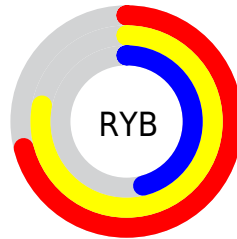
The Decimal color **13017974** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **7772614**, and the grayscale version is **11119017**.

A 20% lighter version of the original color is **16767659**, and **9400133** is the 20% darker color. If you saturate the color by 10%, you get **13015650**, and if you desaturate by 10%, it is **13020298**.

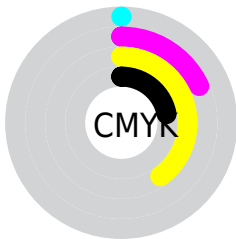
# Distribution



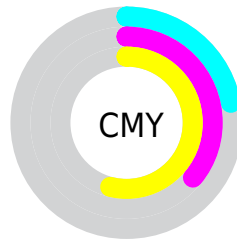
- Red (78%)
- Green (64%)
- Blue (46%)



- Red (71%)
- Yellow (78%)
- Blue (46%)



- Cyan (0%)
- Magenta (18%)
- Yellow (40%)
- Black (22%)



- Cyan (22%)
- Magenta (36%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13017974 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 13017974 by changing the saturation by 10% instead.



 13017974

 13017974

16777215

 11176285

 16767659

 9400133

 16774854

 7624494

 16777186

 5914648

 4270592

 2692608

 524288

 0

 13017974

 13017974

 13015650

 13020298

 13013582

 13022366

 13011259

 13024689

 13008935

 13027013

 13006867

 13029081

 13004544

 13031405

 13033727

 13035775

 13038079

# Harmonies

## Analogous

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



14195588



13017974



11316342

# Triad

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



13017974



5879735



12492237

# Complementary

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



13017974



7772614

# 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.



10266331



13017974



5944782

# Square

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



13017974



7452316



7778267



13997750

# Rectangle

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



13017974



10072446



7778267



11837651



# Sweetspot

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



13017974



16773856



13006490



8419438



0



8421504



# Same Dimension

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



13017974



16763269



12764790



6512474



10705920



2364416

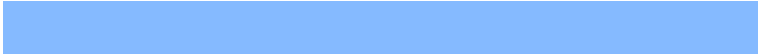


# Inverse Universe

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



7772614



8764159



8025798



5922403



18339



4132



# Previews

## White Background



This preview shows how the Decimal color 13017974 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 13017974 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

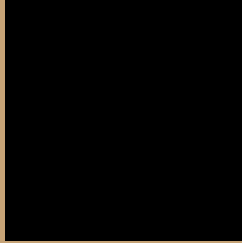
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 13017974 Background



This preview shows how black text looks on a background with the Decimal color 13017974.



This preview shows how white text looks on a background with the Decimal color 13017974.

# 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**  
13017974

**Protanopia**  
11970936

**Deuteranopia**  
13214326



**Tritanopia**  
13343913

# Trichromacy



**Original Color**  
13017974

**Protanomaly**  
12363639

**Deuteranomaly**  
13148790

**Tritanomaly**  
13213590

# Monochromacy



**Original Color**  
13017974

**Achromatopsia**  
11053224

**Achromatomaly**  
11773590

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13017974 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 #C6A376 looks like.

```
.text, #text, p{  
  color:#C6A376  
}
```

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 #C6A376 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C6A376
}
```

## Border

The CSS property to change the border of an element to Decimal 13017974 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
#C6A376 }
```

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

```
.border{ border-color:#C6A376 }
```

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

Here you see how a box with a 4 pixel #C6A376 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C6A376; -webkit-box-shadow:4px 4px  
4px 4px #C6A376; box-shadow:4px 4px 4px  
4px #C6A376 }
```

# Background

The CSS property to change the background color of an element to Decimal 13017974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C6A376 }
```

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

```
.background{ background-color:#C6A376 }
```

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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