

# Converting Colors

Decimal(13014117)

Have a look what the booklet for  
Decimal(13014117) contains.

<b>Decimal(13014117)</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(13014117)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C69465
RGB	198, 148, 101
RGB Percent	78%, 58%, 40%
CMY	0.2235, 0.4196, 0.6039
CMYK	0.00, 0.25, 0.49, 0.22
HSL	29°, 46%, 59%
HSV	29°, 49%, 78%
XYZ	36.2276, 34.1252, 16.9893
YIQ	157.5920, 44.8870, -4.0170

# Conversions

## Conversions Part 2

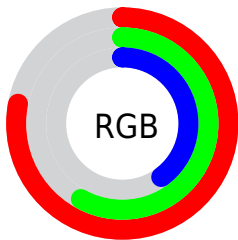
Format	Color
<a href="#">RYB</a>	<a href="#">198, 192, 101</a>
Decimal	<a href="#">13014117</a>
CIELab	<a href="#">65.06, 13.12, 32.09</a>
CIELCh	<a href="#">65, 34.668, 67.763</a>
Yxy	<a href="#">34.1252, 0.4148, 0.3907</a>
Android (android.graphics.Color)	<a href="#">4291204197</a> ( <a href="#">0xFFC69465</a> )
YUV	<a href="#">157.5920, -27.8999, 35.4378</a>
Hunter-Lab	<a href="#">58.4167, 8.4688, 23.6484</a>

# Details

The Decimal color **13014117** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **6657990**, and the grayscale version is **10395294**.

A 20% lighter version of the original color is **16763545**, and **9330997** is the 20% darker color. If you saturate the color by 10%, you get **13011537**, and if you desaturate by 10%, it is **13016697**.

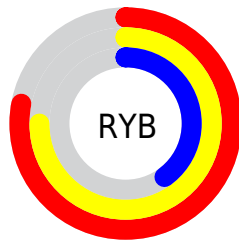
# Distribution



Red (78%)

Green (58%)

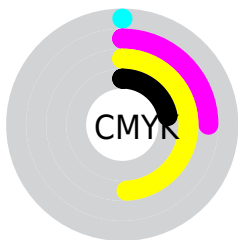
Blue (40%)



Red (78%)

Yellow (75%)

Blue (40%)

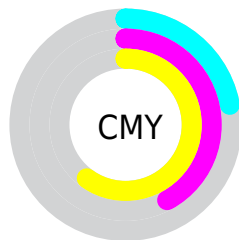


Cyan (0%)

Magenta (25%)

Yellow (49%)

Black (22%)



Cyan (22%)

Magenta (42%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13014117 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 13014117 by changing the saturation by 10% instead.



 13014117

 13014117

16777215

 11172429

 16763545

 9330997

 16770740

 7489822

 16777167

 5780231

 16777196

 4070656

 2492160

 0

 13014117

 13014117

 13011537

 13016697

13008957

13019277

13006122

13022112

13003542

13024692

13000962

13027272

13000704

13029852

13032432

13035263

13037823

# Harmonies

## Analogous

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



14125689



13014117



11247456

# Triad

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



13014117



3780517



11310031

# Complementary

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



13014117



6657990

# 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.



8363739



13014117



2207171

# Square

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



13014117



6532485



4892631



13404598

# Rectangle

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



13014117



9807206



4892631



10393557

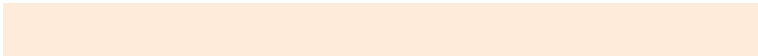


# Sweetspot

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



13014117



16772057



13002135



8418409



0



8421504



# Same Dimension

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



13014117



16757097



13026405



6512218



10702592



2363648

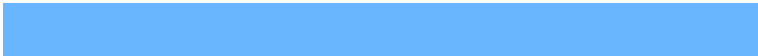


# Inverse Universe

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



6657990



6928127



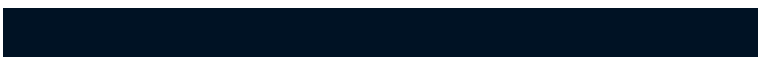
6645702



5922659



21667

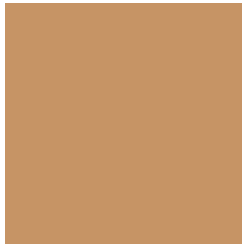


4644



# Previews

## White Background



This preview shows how the Decimal color 13014117 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 13014117 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 13014117 Background



This preview shows how black text looks on a background with the Decimal color 13014117.

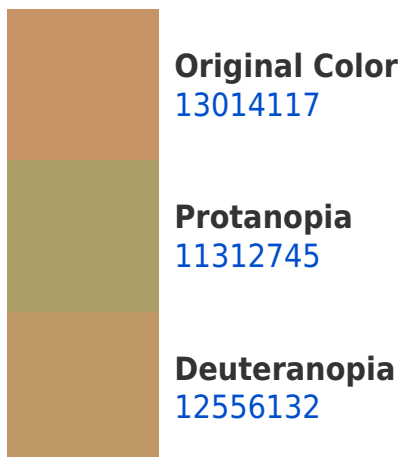


This preview shows how white text looks on a background with the Decimal color 13014117.

# 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](#).

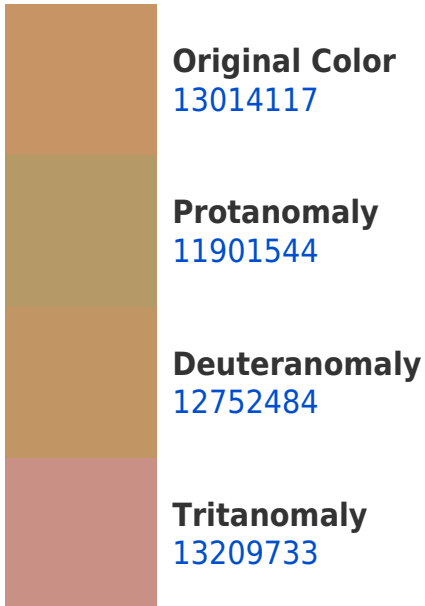
## Dichromacy





**Tritanopia**  
13274520

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13014117 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 #C69465 looks like.

```
.text, #text, p{  
    color:#C69465  
}
```

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 #C69465 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C69465
}
```

## Border

The CSS property to change the border of an element to Decimal 13014117 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
#C69465 }
```

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

```
.border{ border-color:#C69465 }
```

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

Here you see how a box with a 4 pixel #C69465 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C69465; -webkit-box-shadow:4px 4px  
4px 4px #C69465; box-shadow:4px 4px 4px  
4px #C69465 }
```

# Background

The CSS property to change the background color of an element to Decimal 13014117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C69465 }
```

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

```
.background{ background-color:#C69465 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor