

Converting Colors

Decimal(13272150)

Have a look what the booklet for
Decimal(13272150) contains.

Decimal(13272150)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(13272150)

Conversions

Conversions Part 1

Format	Color
Hex	CA8456
RGB	202, 132, 86
RGB Percent	79%, 52%, 34%
CMY	0.2078, 0.4824, 0.6627
CMYK	0.00, 0.35, 0.57, 0.21
HSL	24°, 52%, 56%
HSV	24°, 57%, 79%
XYZ	34.2881, 29.7310, 12.7356
YIQ	147.6860, 56.4860, 0.5340

Conversions

Conversions Part 2

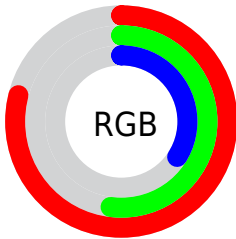
Format	Color
RYB	202, 162, 86
Decimal	13272150
CIELab	61.42, 22.22, 35.68
CIElCh	61, 42.031, 58.080
Yxy	29.7310, 0.4467, 0.3874
Android (android.graphics.Color)	4291462230 (0xFFCA8456)
YUV	147.6860, -30.4112, 47.6334
Hunter-Lab	54.5261, 16.8269, 24.3200

Details

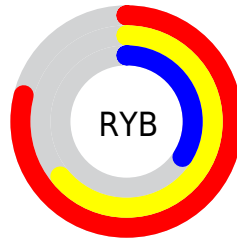
The Decimal color **13272150** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **5676234**, and the grayscale version is **9737364**.

A 20% lighter version of the original color is **16759177**, and **9458215** is the 20% darker color. If you saturate the color by 10%, you get **13269058**, and if you desaturate by 10%, it is **13275242**.

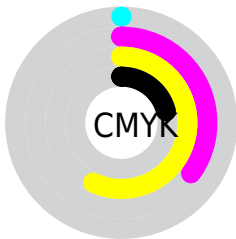
Distribution



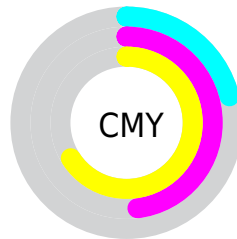
- Red (79%)
- Green (52%)
- Blue (34%)



- Red (79%)
- Yellow (64%)
- Blue (34%)



- Cyan (0%)
- Magenta (35%)
- Yellow (57%)
- Black (21%)



- Cyan (21%)
- Magenta (48%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 13272150 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 13272150 by changing the saturation by 10% instead.

 13272150

 13272150

16777215

 11365182

 16759177

 9458215

 16766371

 7617040

 16773823

 5841920

 16777179

 4066816

 16777207

 2555904

 0

 13272150

 13272150

 13269058

 13275242

■ 13265966

■ 13278334

■ 13262617

■ 13281683

■ 13259525

■ 13284775

■ 13258752

■ 13287867

■ 13290959

■ 13294051

■ 13297400

■ 13300479

Harmonies

Analogous

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



14317939



13272150



11374920

Triad

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



13272150



42897



9735382

Complementary

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



13272150



5676234

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.



5282270



13272150



42934

Square

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



13272150



5940332



41683



12615356

Rectangle

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



13272150



9804107



41683



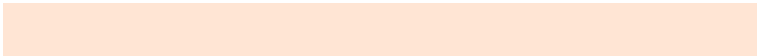
8425691

Sweetspot

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



13272150



16770516



13260446



8417382



0



8421504

Same Dimension

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



13272150



16749903



13286486



6709340



10895872



2494208

Inverse Universe

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



5676234



5224959



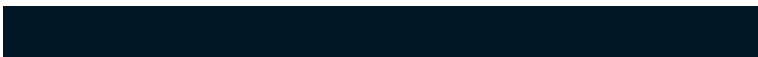
5661898



6054502



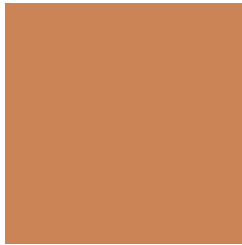
25766



5926

Previews

White Background



This preview shows how the Decimal color 13272150 looks on a white background.

Color Contrast Check

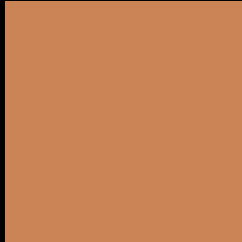
Large Text (above 18pt) WCAG AA ✓ Pass

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 13272150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

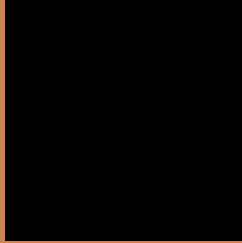
Any Text WCAG AA ✓ Pass

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 13272150 Background



This preview shows how black text looks on a background with the Decimal color 13272150.



This preview shows how white text looks on a background with the Decimal color 13272150.

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
13272150

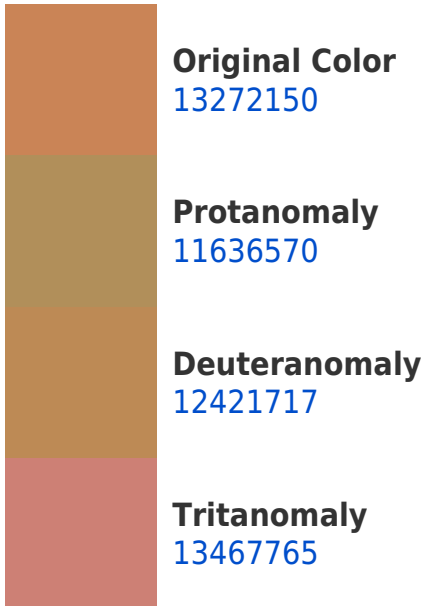
Protanopia
10655068

Deuteranopia
11898452



Tritanopia
13532807

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 13272150 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 #CA8456 looks like.

```
.text, #text, p{  
    color:#CA8456  
}
```

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 #CA8456 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA8456
}
```

Border

The CSS property to change the border of an element to Decimal 13272150 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
#CA8456 }
```

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

```
.border{ border-color:#CA8456 }
```

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

Here you see how a box with a 4 pixel #CA8456 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA8456; -webkit-box-shadow:4px 4px  
4px 4px #CA8456; box-shadow:4px 4px 4px  
4px #CA8456 }
```

Background

The CSS property to change the background color of an element to Decimal 13272150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA8456 }
```

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

```
.background{ background-color:#CA8456 }
```

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