

Converting Colors

Decimal(13337178)

Have a look what the booklet for
Decimal(13337178) contains.

Decimal(13337178)	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(13337178)

Conversions

Conversions Part 1

Format	Color
Hex	CB825A
RGB	203, 130, 90
RGB Percent	80%, 51%, 35%
CMY	0.2039, 0.4902, 0.6471
CMYK	0.00, 0.36, 0.56, 0.20
HSL	21°, 52%, 57%
HSV	21°, 56%, 80%
XYZ	34.4567, 29.4000, 13.5316
YIQ	147.2670, 56.3480, 3.0360

Conversions

Conversions Part 2

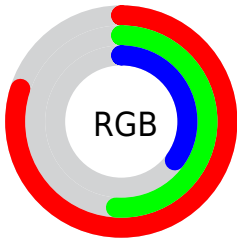
Format	Color
R_{YB}	203, 152, 90
Decimal	13337178
CIE Lab	61.13, 24.05, 33.18
CIE LCh	61, 40.980, 54.067
Yxy	29.4000, 0.4452, 0.3799
Android (android.graphics.Color)	4291527258 (0xFFCB825A)
YUV	147.2670, -28.2326, 48.8778
Hunter-Lab	54.2217, 18.5447, 23.1588

Details

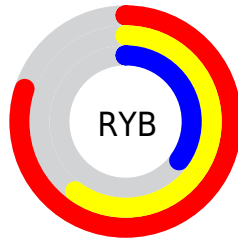
The Decimal color **13337178** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **5940171**, and the grayscale version is **9737364**.

A 20% lighter version of the original color is **16758669**, and **9523243** is the 20% darker color. If you saturate the color by 10%, you get **13333830**, and if you desaturate by 10%, it is **13340526**.

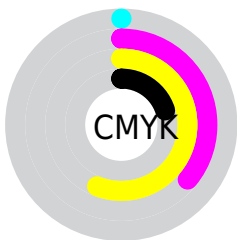
Distribution



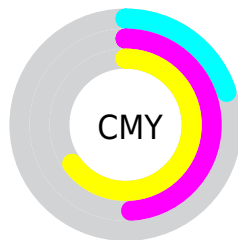
- Red (80%)
- Green (51%)
- Blue (35%)



- Red (80%)
- Yellow (60%)
- Blue (35%)



- Cyan (0%)
- Magenta (36%)
- Yellow (56%)
- Black (20%)



- Cyan (20%)
- Magenta (49%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 13337178 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 13337178 by changing the saturation by 10% instead.

 13337178

 13337178

16777215

 11430210

 16758669

 9523243

 16765863

 7682069

 16773315

 5906944

 16777183

 4131584

 16777212

 2621440

 0

 13337178

 13337178

 13333830

 13340526

■ 13330481

■ 13343875

■ 13327133

■ 13347223

■ 13323785

■ 13350571

■ 13322240

■ 13354176

■ 13357524

■ 13360872

■ 13364220

■ 13367551

Harmonies

Analogous

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



14186616



13337178



11571018

Triad

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



13337178



2205323



9211350

Complementary

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



13337178



5940171

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.



4692443



13337178



42672

Square

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



13337178



6464104



41677



12222398

Rectangle

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



13337178



10065739



41677



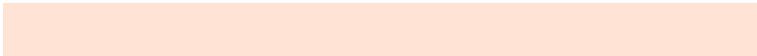
7901658

Sweetspot

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



13337178



16770004



13327011



8417126



0



8421504

Same Dimension

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



13337178



16748884



13351514



6709084



10894080



2493952

Inverse Universe

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



5940171



5555199



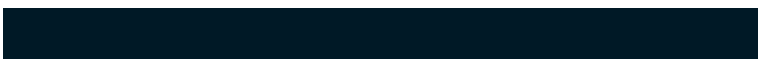
5925835



6054502



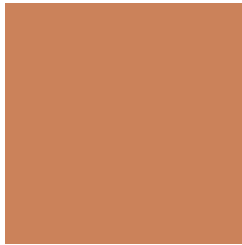
27558



6438

Previews

White Background



This preview shows how the Decimal color 13337178 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 13337178 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 13337178 Background



This preview shows how black text looks on a background with the Decimal color 13337178.



This preview shows how white text looks on a background with the Decimal color 13337178.

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
13337178

Protanopia
10589281

Deuteranopia
11832664



Tritanopia
13532294

Trichromacy



Original Color
13337178

Protanomaly
11570526

Deuteranomaly
12355929

Tritanomaly
13467254

Monochromacy



Original Color
13337178

Achromatopsia
9671571

Achromatomaly
10980734

CSS Examples

Text

The CSS property to change the color of the text to Decimal 13337178 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 #CB825A looks like.

```
.text, #text, p{  
    color:#CB825A  
}
```

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 #CB825A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB825A
}
```

Border

The CSS property to change the border of an element to Decimal 13337178 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
#CB825A }
```

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

```
.border{ border-color:#CB825A }
```

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

Here you see how a box with a 4 pixel #CB825A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB825A; -webkit-box-shadow:4px 4px  
4px 4px #CB825A; box-shadow:4px 4px 4px  
4px #CB825A }
```

Background

The CSS property to change the background color of an element to Decimal 13337178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB825A }
```

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

```
.background{ background-color:#CB825A }
```

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