

Converting Colors

Decimal(13200133)

Have a look what the booklet for
Decimal(13200133) contains.

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Color

Decimal(13200133)

Conversions

Conversions Part 1

Format	Color
Hex	C96B05
RGB	201, 107, 5
RGB Percent	79%, 42%, 2%
CMY	0.2118, 0.5804, 0.9804
CMYK	0.00, 0.47, 0.98, 0.21
HSL	31°, 95%, 40%
HSV	31°, 98%, 79%
XYZ	29.3725, 22.9439, 3.0241
YIQ	123.4780, 88.7660, -11.7940

Conversions

Conversions Part 2

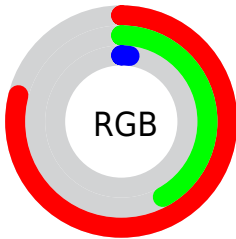
Format	Color
RYB	186, 201, 5
Decimal	13200133
CIELab	55.01, 31.95, 61.87
CIElCh	55, 69.631, 62.692
Yxy	22.9439, 0.5308, 0.4146
Android (android.graphics.Color)	4291390213 (0xFFC96B05)
YUV	123.4780, -58.4097, 67.9868
Hunter-Lab	47.8997, 25.6330, 29.7866

Details

The Decimal color **13200133** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **353225**, and the grayscale version is **8158332**.

A 20% lighter version of the original color is **16752452**, and **9189888** is the 20% darker color. If you saturate the color by 10%, you get **13199616**, and if you desaturate by 10%, it is **13202713**.

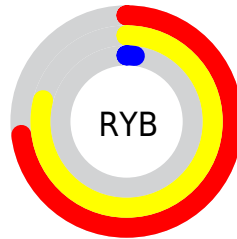
Distribution



Red (79%)

Green (42%)

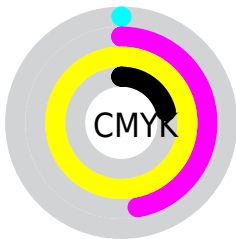
Blue (2%)



Red (73%)

Yellow (79%)

Blue (2%)

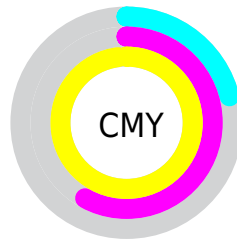


Cyan (0%)

Magenta (47%)

Yellow (98%)

Black (21%)



Cyan (21%)


















Magenta (58%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 13200133 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 13200133 by changing the saturation by 10% instead.

 13200133	 13200133
16777215	 11162112
 16752452	 9189888
 16759646	 7217664
 16766841	 5310464
 16774036	 3538944
 16777135	 1441792
 16777164	 0
 16777192	
 13200133	 13200133

■ 13199616

■ 13202713

■ 13205037

■ 13207617

■ 13210197

■ 13212522

■ 13215102

■ 13217426

■ 13220006

■ 13222586

Harmonies

Analogous

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



15158854



13200133



10126080

Triad

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



13200133



40584



8942058

Complementary

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



13200133



353225

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.



35581



13200133



40644

Square

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



13200133



39753



39151



13587132

Rectangle

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



13200133



7572992



39151



6257396

Sweetspot

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



13200133



16768181



13174116



8415827



0



8421504

Same Dimension

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



13200133



16745728



13027589



6512474



10704128



2364160

Inverse Universe

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



353225



31487



525769



5922403



20131



4388

Previews

White Background



This preview shows how the Decimal color 13200133 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 13200133 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 13200133 Background



This preview shows how black text looks on a background with the Decimal color 13200133.



This preview shows how white text looks on a background with the Decimal color 13200133.

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
13200133

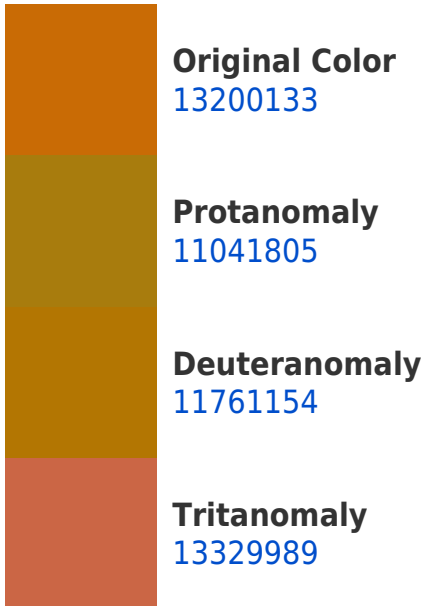
Protanopia
9798929

Deuteranopia
10976512

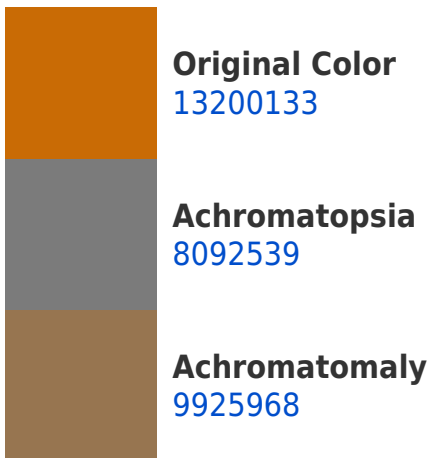


Tritanopia
13394794

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 13200133 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 #C96B05 looks like.

```
.text, #text, p{  
    color:#C96B05  
}
```

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 #C96B05 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C96B05  
}
```

Border

The CSS property to change the border of an element to Decimal 13200133 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  
#C96B05 }
```

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

```
.border{ border-color:#C96B05 }
```

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

Here you see how a box with a 4 pixel #C96B05 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C96B05; -webkit-box-shadow:4px 4px  
4px 4px #C96B05; box-shadow:4px 4px 4px  
4px #C96B05 }
```

Background

The CSS property to change the background color of an element to Decimal 13200133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C96B05 }
```

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

```
.background{ background-color:#C96B05 }
```

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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