

Converting Colors

Decimal(13004332)

Have a look what the booklet for
Decimal(13004332) contains.

Decimal(13004332)	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(13004332)

Conversions

Conversions Part 1

Format	Color
Hex	C66E2C
RGB	198, 110, 44
RGB Percent	78%, 43%, 17%
CMY	0.2235, 0.5686, 0.8275
CMYK	0.00, 0.44, 0.78, 0.22
HSL	26°, 64%, 47%
HSV	26°, 78%, 78%
XYZ	29.3193, 23.3395, 5.3425
YIQ	128.7880, 73.6340, -1.8700

Conversions

Conversions Part 2

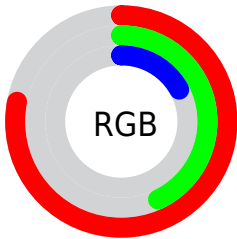
Format	Color
R _Y B	198, 160, 44
Decimal	13004332
CIE Lab	55.42, 29.99, 49.92
CIE LCh	55, 58.236, 59.002
Yxy	23.3395, 0.5055, 0.4024
Android (android.graphics.Color)	4291194412 (0xFFC66E2C)
YUV	128.7880, -41.8005, 60.6989
Hunter-Lab	48.3109, 23.7851, 27.2610

Details

The Decimal color **13004332** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **2917574**, and the grayscale version is **8487297**.

A 20% lighter version of the original color is **16753246**, and **9059584** is the 20% darker color. If you saturate the color by 10%, you get **13001496**, and if you desaturate by 10%, it is **13007168**.

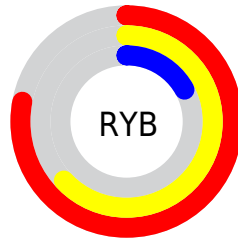
Distribution



Red (78%)

Green (43%)

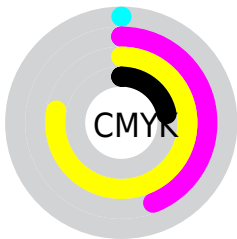
Blue (17%)



Red (78%)

Yellow (63%)

Blue (17%)

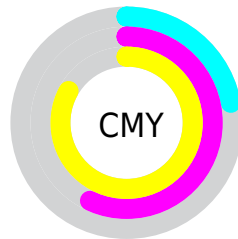


Cyan (0%)

Magenta (44%)

Yellow (78%)

Black (22%)



Cyan (22%)




















Magenta (57%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 13004332 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 13004332 by changing the saturation by 10% instead.

 13004332	 13004332
16777215	 11031825
 16753246	 9059584
 16760440	 7152896
 16767634	 5246208
 16774830	 3473408
 16777161	 1441792
 16777190	 0
 13004332	 13004332
 13001496	 13007168

12998404

13010260

12997888

13013095

13015931

13019023

13021859

13024695

13027786

13030622

Harmonies

Analogous

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



14506583



13004332



10453518

Triad

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



13004332



40065



8485086

Complementary

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



13004332



2917574

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.



35818



13004332



40116

Square

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



13004332



1611854



38875



12607930

Rectangle

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



13004332



8358934



38875



6324197

Sweetspot

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



13004332



16768452



12987526



8416092



0



8421504

Same Dimension

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



13004332



16742162



13023532



6512218



10700288



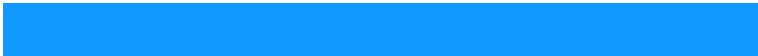
2363136

Inverse Universe

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



2917574



1219071



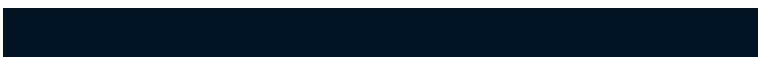
2898374



5922659



23971



5156

Previews

White Background



This preview shows how the Decimal color 13004332 looks on a white background.

Color Contrast Check

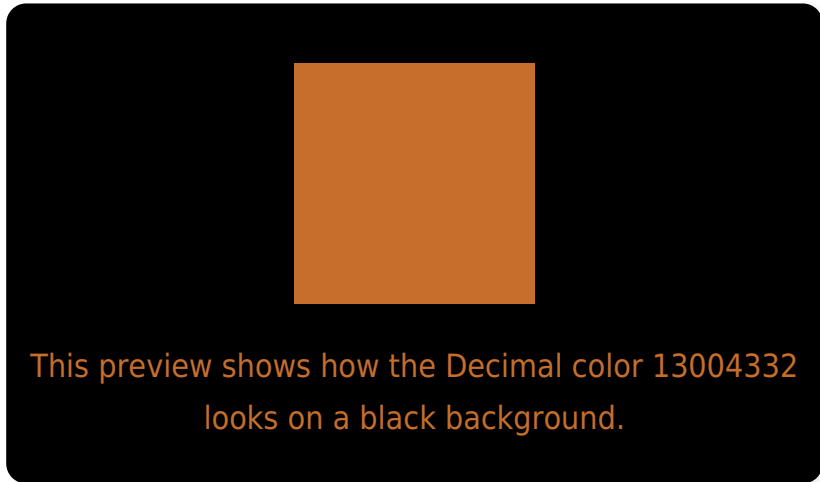
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 13004332 Background



This preview shows how black text looks on a background with the Decimal color 13004332.



This preview shows how white text looks on a background with the Decimal color 13004332.

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
13004332

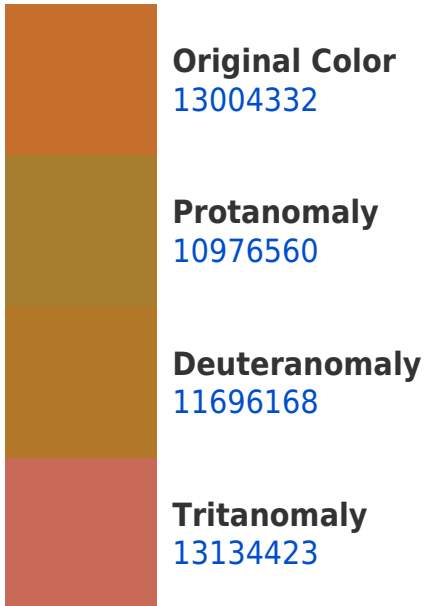
Protanopia
9798962

Deuteranopia
10976806



Tritanopia
13199215

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 13004332 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 #C66E2C looks like.

```
.text, #text, p{  
    color:#C66E2C  
}
```

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 #C66E2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C66E2C
}
```

Border

The CSS property to change the border of an element to Decimal 13004332 is called "border". The border property can be set on classes, ids or directly on the HTML element.

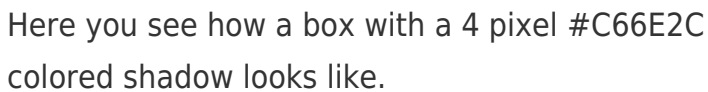
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C66E2C }
```

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

```
.border{ border-color:#C66E2C }
```

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

A rectangular box with a 4px orange shadow. The box is white with a thin orange border. The shadow is a solid orange color, 4 pixels wide and 4 pixels high, extending from the bottom and right sides of the box.

Here you see how a box with a 4 pixel `#C66E2C` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C66E2C; -webkit-box-shadow:4px 4px  
4px 4px #C66E2C; box-shadow:4px 4px 4px  
4px #C66E2C }
```

Background

The CSS property to change the background color of an element to Decimal 13004332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C66E2C }
```

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

```
.background{ background-color:#C66E2C }
```

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