

Converting Colors

Decimal(13400832)

Have a look what the booklet for
Decimal(13400832) contains.

Decimal(13400832)	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(13400832)

Conversions

Conversions Part 1

Format	Color
Hex	CC7B00
RGB	204, 123, 0
RGB Percent	80%, 48%, 0%
CMY	0.2000, 0.5176, 1.0000
CMYK	0.00, 0.40, 1.00, 0.20
HSL	36°, 100%, 40%
HSV	36°, 100%, 80%
XYZ	31.9848, 27.0033, 3.5264
YIQ	133.1970, 87.7590, -21.0810

Conversions

Conversions Part 2

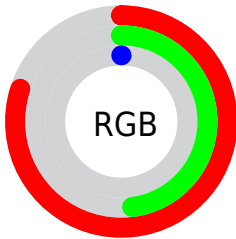
Format	Color
RYB	134, 204, 0
Decimal	13400832
CIELab	58.98, 24.60, 65.52
CIElCh	59, 69.987, 69.420
Yxy	27.0033, 0.5116, 0.4320
Android (android.graphics.Color)	4291590912 (0xFFCC7B00)
YUV	133.1970, -65.6661, 62.0942
Hunter-Lab	51.9647, 18.9304, 32.3518

Details

The Decimal color **13400832** 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 **20940**, and the grayscale version is **8816262**.

A 20% lighter version of the original color is **16756805**, and **9390592** is the 20% darker color. If you saturate the color by 10%, you get **13400832**, and if you desaturate by 10%, it is **13402900**.

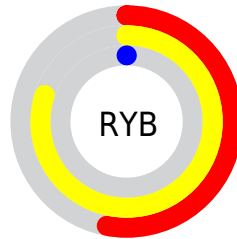
Distribution



Red (80%)

Green (48%)

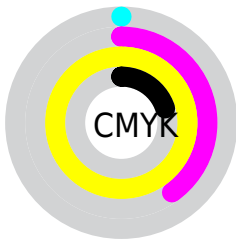
Blue (0%)



Red (53%)

Yellow (80%)

Blue (0%)

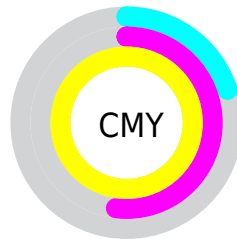


Cyan (0%)

Magenta (40%)

Yellow (100%)

Black (20%)



Cyan (20%)



















Magenta (52%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 13400832 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 13400832 by changing the saturation by 10% instead.

 13400832	 13400832
 16777215	 11362816
 16756805	 9390592
 16763744	 7484160
 16770939	 5577728
 16777110	 3802624
 16777138	 2228225
 16777166	 0
 16777195	
 13400832	

 13402900

 13404969

 13407037

 13409106

 13411430

 13413498

 13415567

 13417635

 13419704

Harmonies

Analogous

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



15687491



13400832



10064128

Triad

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



13400832



43680



11039982

Complementary

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



13400832



20940

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.



36863



13400832



43227

Square

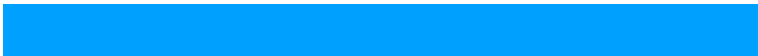
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



13400832



42848



41215



15030202

Rectangle

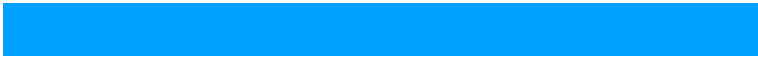
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



13400832



7248899



41215



8879866

Sweetspot

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



13400832



16769459



13369426



8416594



0



8421504

Same Dimension

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



13400832



16751104



12110848



6709852



10904576



2496256

Inverse Universe

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



20940



26111



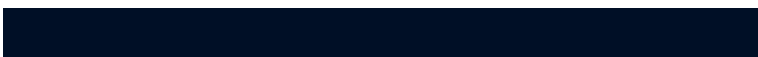
1310924



6053990



17062



3878

Previews

White Background



This preview shows how the Decimal color 13400832 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 13400832 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 13400832 Background



This preview shows how black text looks on a background with the Decimal color 13400832.



This preview shows how white text looks on a background with the Decimal color 13400832.

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
13400832

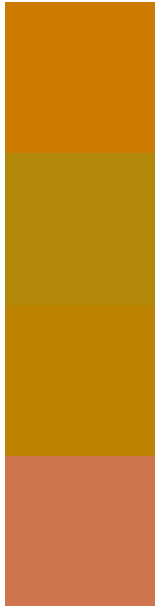
Protanopia
10587919

Deuteranopia
11831040



Tritanopia
13726331

Trichromacy



Original Color
13400832

Protanomaly
11634698

Deuteranomaly
12419840

Tritanomaly
13595982

Monochromacy



Original Color
13400832

Achromatopsia
8750469

Achromatomaly
10453333

CSS Examples

Text

The CSS property to change the color of the text to Decimal 13400832 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 #CC7B00 looks like.

```
.text, #text, p{  
    color:#CC7B00  
}
```

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 #CC7B00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC7B00
}
```

Border

The CSS property to change the border of an element to Decimal 13400832 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
#CC7B00 }
```

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

```
.border{ border-color:#CC7B00 }
```

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

Here you see how a box with a 4 pixel #CC7B00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC7B00; -webkit-box-shadow:4px 4px  
4px 4px #CC7B00; box-shadow:4px 4px 4px  
4px #CC7B00 }
```

Background

The CSS property to change the background color of an element to Decimal 13400832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC7B00 }
```

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

```
.background{ background-color:#CC7B00 }
```

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