

Converting Colors

Decimal(13270332)

Have a look what the booklet for
Decimal(13270332) contains.

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Color

Decimal(13270332)

Conversions

Conversions Part 1

Format	Color
Hex	CA7D3C
RGB	202, 125, 60
RGB Percent	79%, 49%, 24%
CMY	0.2078, 0.5098, 0.7647
CMYK	0.00, 0.38, 0.70, 0.21
HSL	27°, 57%, 51%
HSV	27°, 70%, 79%
XYZ	32.5063, 27.5500, 7.8794
YIQ	140.6130, 66.7570, -3.8910

Conversions

Conversions Part 2

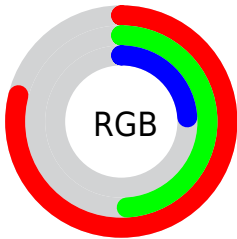
Format	Color
R _Y B	202, 180, 60
Decimal	13270332
CIE Lab	59.48, 24.32, 46.79
CIE LCh	59, 52.735, 62.542
Yxy	27.5500, 0.4785, 0.4055
Android (android.graphics.Color)	4291460412 (0xFFCA7D3C)
YUV	140.6130, -39.7422, 53.8364
Hunter-Lab	52.4881, 18.6924, 27.8412

Details

The Decimal color **13270332** 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 **3967434**, and the grayscale version is **9276813**.

A 20% lighter version of the original color is **16757358**, and **9390855** is the 20% darker color. If you saturate the color by 10%, you get **13267496**, and if you desaturate by 10%, it is **13273168**.

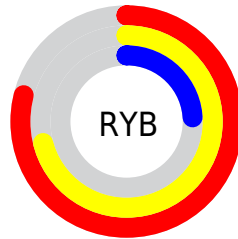
Distribution



Red (79%)

Green (49%)

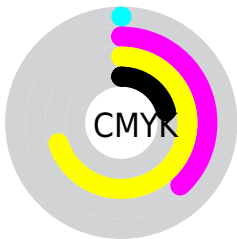
Blue (24%)



Red (79%)

Yellow (71%)

Blue (24%)

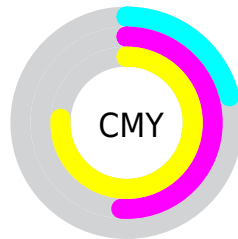


Cyan (0%)

Magenta (38%)

Yellow (70%)

Black (21%)



Cyan (21%)

Magenta (51%)

Yellow (76%)


Brightness & Saturation Gradients

These gradients show how the Decimal color 13270332 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 13270332 by changing the saturation by 10% instead.


 13270332  13270332

16777215  11297827

 16757358  9390855

 16764552  7484416


 16771747  5643776

 16777151  3868416

 16777179  2359297

 16777208  0

 13270332  13270332

 13267496  13273168

■ 13264660

■ 13276004

■ 13261824

■ 13278841

■ 13281677

■ 13284513

■ 13287349

■ 13290185

■ 13293022

■ 13295858

Harmonies

Analogous

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



14773344



13270332



10849836

Triad

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



13270332



42642



9863646

Complementary

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



13270332



3967434

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.



3118060



13270332



42432

Square

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



13270332



3122018



40929



13332411

Rectangle

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



13270332



8820531



40929



8227045

Sweetspot

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



13270332



16769737



13253770



8416864



0



8421504

Same Dimension

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



13270332



16747305



13288252



6709340



10898432



2494976

Inverse Universe

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



3967434



2727423



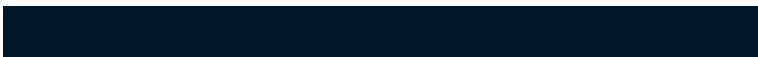
3949514



6054246



23206



5414

Previews

White Background



This preview shows how the Decimal color 13270332 looks on a white background.

Color Contrast Check

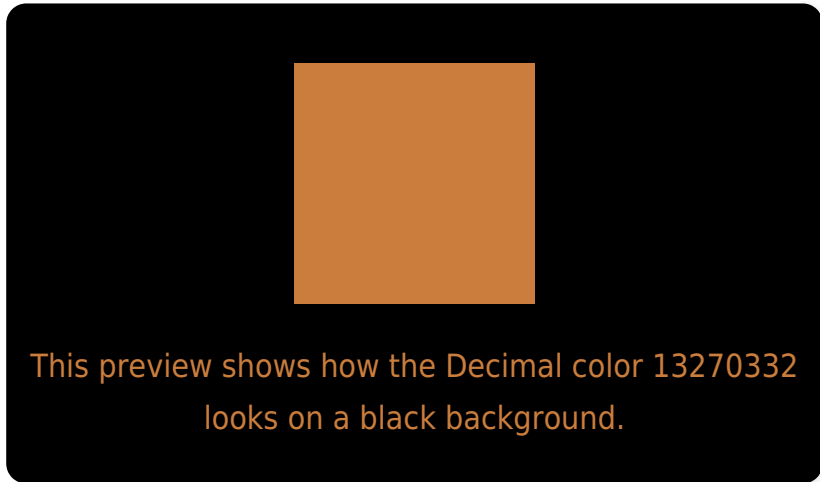
Large Text (above 18pt) WCAG AA ✓ Pass

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

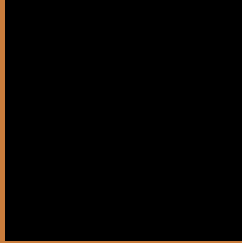
Any Text WCAG AA ✓ Pass

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 13270332 Background



This preview shows how black text looks on a background with the Decimal color 13270332.



This preview shows how white text looks on a background with the Decimal color 13270332.

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
13270332

Protanopia
10457154

Deuteranopia
11766073



Tritanopia
13530750

Trichromacy



Original Color
13270332

Protanomaly
11503936

Deuteranomaly
12289338

Tritanomaly
13465958

Monochromacy



Original Color
13270332

Achromatopsia
9276813

Achromatomaly
10717040

CSS Examples

Text

The CSS property to change the color of the text to Decimal 13270332 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 #CA7D3C looks like.

```
.text, #text, p{  
  color:#CA7D3C  
}
```

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 #CA7D3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA7D3C
}
```

Border

The CSS property to change the border of an element to Decimal 13270332 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
#CA7D3C }
```

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

```
.border{ border-color:#CA7D3C }
```

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

Here you see how a box with a 4 pixel #CA7D3C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA7D3C; -webkit-box-shadow:4px 4px  
4px 4px #CA7D3C; box-shadow:4px 4px 4px  
4px #CA7D3C }
```

Background

The CSS property to change the background color of an element to Decimal 13270332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA7D3C }
```

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

```
.background{ background-color:#CA7D3C }
```

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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