

Converting Colors

Decimal(13073742)

Have a look what the booklet for
Decimal(13073742) contains.

Decimal(13073742)	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(13073742)

Conversions

Conversions Part 1

Format	Color
Hex	C77D4E
RGB	199, 125, 78
RGB Percent	78%, 49%, 31%
CMY	0.2196, 0.5098, 0.6941
CMYK	0.00, 0.37, 0.61, 0.22
HSL	23°, 52%, 54%
HSV	23°, 61%, 78%
XYZ	32.2619, 27.3594, 10.7882
YIQ	141.7680, 59.1910, 1.0710

Conversions

Conversions Part 2

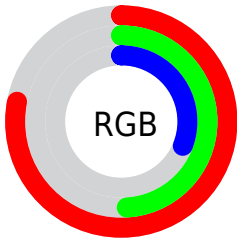
Format	Color
R_{YB}	199, 155, 78
Decimal	13073742
CIE _{Lab}	59.31, 24.19, 37.29
CIE _{LCh}	59, 44.449, 57.030
Yxy	27.3594, 0.4582, 0.3886
Android (android.graphics.Color)	4291263822 (0xFFC77D4E)
YUV	141.7680, -31.4376, 50.1925
Hunter-Lab	52.3062, 18.5611, 24.3857

Details

The Decimal color **13073742** is a dark color, and the websafe version is hex **CC9966**. The color can be described as dark muted orange. A complement of this color would be **5150919**, and the grayscale version is **9342606**.

A 20% lighter version of the original color is **16757376**, and **9259807** is the 20% darker color. If you saturate the color by 10%, you get **13070650**, and if you desaturate by 10%, it is **13076834**.

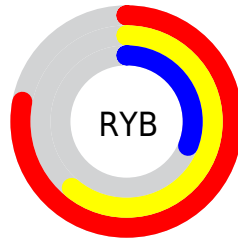
Distribution



Red (78%)

Green (49%)

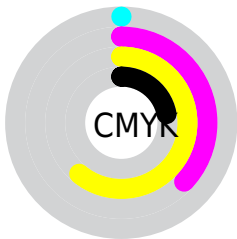
Blue (31%)



Red (78%)

Yellow (61%)

Blue (31%)

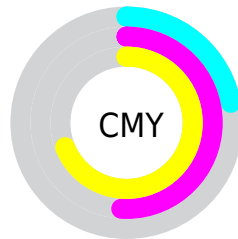


Cyan (0%)

Magenta (37%)

Yellow (61%)

Black (22%)



Cyan (22%)


Magenta (51%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 13073742 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 13073742 by changing the saturation by 10% instead.

 13073742  13073742

16777215  11166774

 16757376  9259807

 16764571  7418887

 16771766  5577984

 16777169  3802880

 16777198  2293761

 0

 13073742  13073742

 13070650  13076834

 13067558

 13079926

 13064210

 13083274

 13061376

 13086366

 13089458

 13092549

 13095641

 13098733

 13102079

Harmonies

Analogous

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



14119277



13073742



11111230

Triad

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



13073742



41609



9144020

Complementary

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



13073742



5150919

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.



3970268



13073742



41649

Square

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



13073742



5414755



40655



12285882

Rectangle

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



13073742



9475137



40655



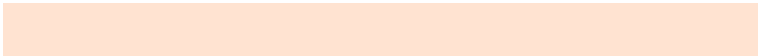
7769049

Sweetspot

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



13073742



16770001



13061785



8416867



0



8421504

Same Dimension

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



13073742



16747845



13089102



6511962



10698496



2362880

Inverse Universe

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



5150919



4569087



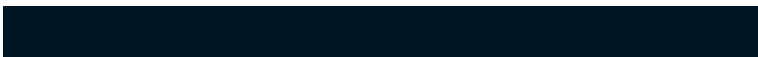
5135559



5922915



25763



5668

Previews

White Background



This preview shows how the Decimal color 13073742 looks on a white background.

Color Contrast Check

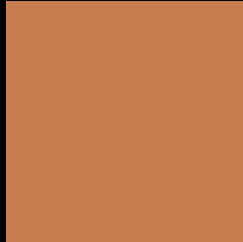
Large Text (above 18pt) WCAG AA ✓ Pass

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 13073742 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

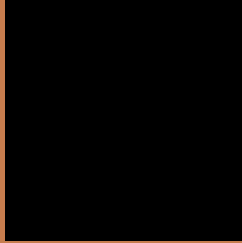
Any Text WCAG AA ✓ Pass

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 13073742 Background



This preview shows how black text looks on a background with the Decimal color 13073742.




This preview shows how white text looks on a background with the Decimal color 13073742.

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





Tritanopia
13268864

Trichromacy



Original Color
13073742

Protanomaly
11307090

Deuteranomaly
12092492

Tritanomaly
13203822

Monochromacy



Original Color
13073742

Achromatopsia
9342606

Achromatomaly
10717303

CSS Examples

Text

The CSS property to change the color of the text to Decimal 13073742 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 #C77D4E looks like.

```
.text, #text, p{  
    color:#C77D4E  
}
```

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 #C77D4E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C77D4E
}
```

Border

The CSS property to change the border of an element to Decimal 13073742 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
#C77D4E }
```

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

```
.border{ border-color:#C77D4E }
```

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

Here you see how a box with a 4 pixel #C77D4E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C77D4E; -webkit-box-shadow:4px 4px  
4px 4px #C77D4E; box-shadow:4px 4px 4px  
4px #C77D4E }
```

Background

The CSS property to change the background color of an element to Decimal 13073742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C77D4E }
```

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

```
.background{ background-color:#C77D4E }
```

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