

Converting Colors

Decimal(13200694)

Have a look what the booklet for
Decimal(13200694) contains.

Decimal(13200694)	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(13200694)

Conversions

Conversions Part 1

Format	Color
Hex	C96D36
RGB	201, 109, 54
RGB Percent	79%, 43%, 21%
CMY	0.2118, 0.5725, 0.7882
CMYK	0.00, 0.46, 0.73, 0.21
HSL	22°, 58%, 50%
HSV	22°, 73%, 79%
XYZ	30.2219, 23.6211, 6.4565
YIQ	130.2380, 72.4870, 2.3990

Conversions

Conversions Part 2

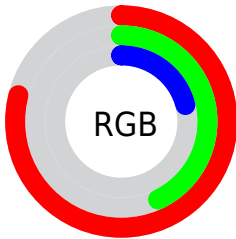
Format	Color
RYB	201, 142, 54
Decimal	13200694
CIELab	55.71, 32.19, 45.64
CIELCh	56, 55.851, 54.805
Yxy	23.6211, 0.5012, 0.3917
Android (android.graphics.Color)	4291390774 (0xFFC96D36)
YUV	130.2380, -37.5853, 62.0583
Hunter-Lab	48.6016, 25.9438, 26.1447

Details

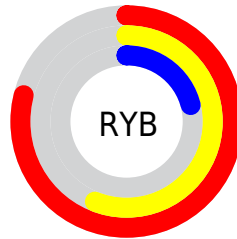
The Decimal color **13200694** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **3576521**, and the grayscale version is **8618883**.

A 20% lighter version of the original color is **16753255**, and **9255683** is the 20% darker color. If you saturate the color by 10%, you get **13197346**, and if you desaturate by 10%, it is **13204042**.

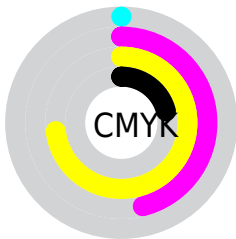
Distribution



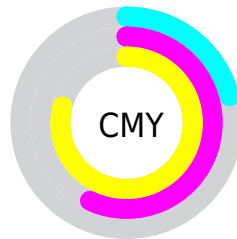
- Red (79%)
- Green (43%)
- Blue (21%)



- Red (79%)
- Yellow (56%)
- Blue (21%)



- Cyan (0%)
- Magenta (46%)
- Yellow (73%)
- Black (21%)



- Cyan (21%)
- Magenta (57%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 13200694 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 13200694 by changing the saturation by 10% instead.

 13200694  13200694


16777215  11228190

 16753255  9255683

 16760193  7348992

 16767388  5441792

 16774839  3670016

 16777171  1769473

 16777200  0

 13200694  13200694

 13197346  13204042

■ 13194254

■ 13207134

■ 13191936

■ 13210482

■ 13213574

■ 13216923

■ 13220015

■ 13223363

■ 13226711

■ 13229803

Harmonies

Analogous

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



14441312



13200694



10911770

Triad

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



13200694



40059



7830750

Complementary

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



13200694



3576521

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.



36582



13200694



40109

Square

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



13200694



3512395



39124



12085182

Rectangle

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



13200694



8948507



39124



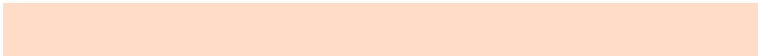
5538788

Sweetspot

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



13200694



16768199



13186707



8416094



0



8421504

Same Dimension

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



13200694



16741151



13219126



6511962



10697984



2362624

Inverse Universe

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



3576521



2075647



3558089



5922915



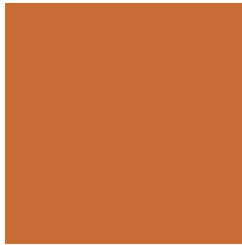
26275



5668

Previews

White Background



This preview shows how the Decimal color 13200694 looks on a white background.

Color Contrast Check

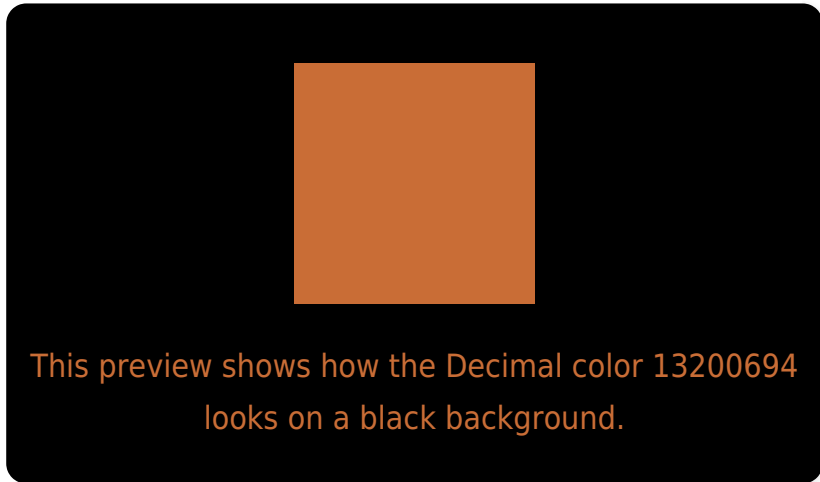
Large Text (above 18pt) WCAG AA ✓ Pass

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

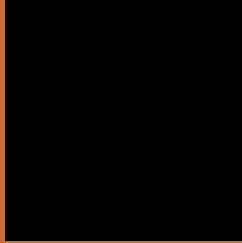
Any Text WCAG AA ✓ Pass

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 13200694 Background



This preview shows how black text looks on a background with the Decimal color 13200694.



This preview shows how white text looks on a background with the Decimal color 13200694.

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
13200694

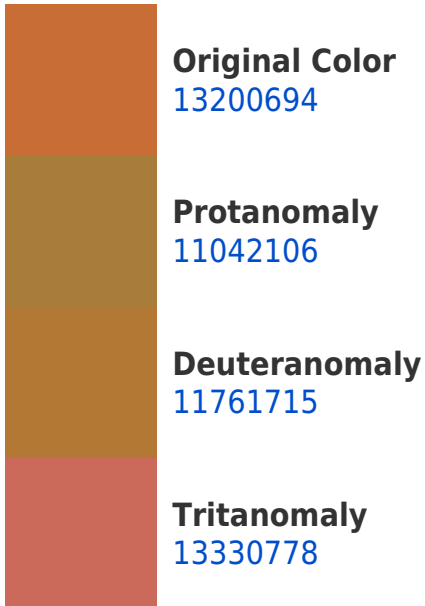
Protanopia
9799229

Deuteranopia
10977073



Tritanopia
13395822

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 13200694 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 #C96D36 looks like.

```
.text, #text, p{  
    color:#C96D36  
}
```

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 #C96D36 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C96D36
}
```

Border

The CSS property to change the border of an element to Decimal 13200694 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
#C96D36 }
```

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

```
.border{ border-color:#C96D36 }
```

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

Here you see how a box with a 4 pixel #C96D36 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C96D36; -webkit-box-shadow:4px 4px  
4px 4px #C96D36; box-shadow:4px 4px 4px  
4px #C96D36 }
```

Background

The CSS property to change the background color of an element to Decimal 13200694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C96D36 }
```

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

```
.background{ background-color:#C96D36 }
```

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