

# Converting Colors

Decimal(13004298)

Have a look what the booklet for  
Decimal(13004298) contains.

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**Color**

**Decimal(13004298)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C66E0A
RGB	198, 110, 10
RGB Percent	78%, 43%, 4%
CMY	0.2235, 0.5686, 0.9608
CMYK	0.00, 0.44, 0.95, 0.22
HSL	32°, 90%, 41%
HSV	32°, 95%, 78%
XYZ	28.9194, 23.1795, 3.2370
YIQ	124.9120, 84.5480, -12.4440

# Conversions

## Conversions Part 2

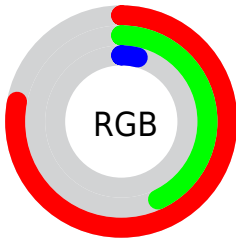
<b>Format</b>	<b>Color</b>
<b>RYB</b>	175, 198, 10
Decimal	13004298
CIELab	55.26, 29.15, 60.90
CIElCh	55, 67.518, 64.419
Yxy	23.1795, 0.5226, 0.4189
Android (android.graphics.Color)	4291194378 (0xFFC66E0A)
YUV	124.9120, -56.6516, 64.0982
Hunter-Lab	48.1451, 22.9659, 29.7152

# Details

The Decimal color **13004298** 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 **680646**, and the grayscale version is **8224125**.

A 20% lighter version of the original color is **16753222**, and **9059584** is the 20% darker color. If you saturate the color by 10%, you get **13003008**, and if you desaturate by 10%, it is **13006622**.

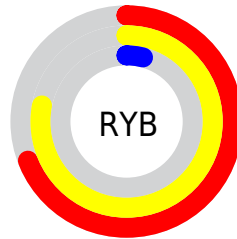
# Distribution



Red (78%)

Green (43%)

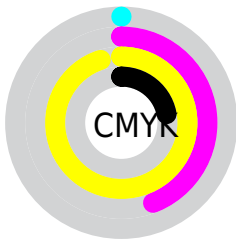
Blue (4%)



Red (69%)

Yellow (78%)

Blue (4%)

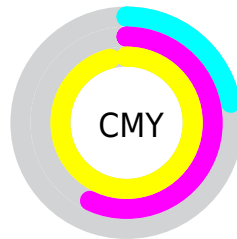


Cyan (0%)

Magenta (44%)

Yellow (95%)

Black (22%)



Cyan (22%)

Magenta (57%)


















Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13004298 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 13004298 by changing the saturation by 10% instead.



 13004298	 13004298
 16777215	 10966272
 16753222	 9059584
 16760417	 7087616
 16767611	 5180928
 16774806	 3407872
 16777138	 1310720
 16777166	 0
 16777195	
 13004298	 13004298

■ 13003008

■ 13006622

■ 13009202

■ 13011525

■ 13013849

■ 13016173

■ 13018753

■ 13021077

■ 13023400

■ 13025724

# Harmonies

## Analogous

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



14963525



13004298



9929984

# Triad

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



13004298



40844



9335270

# Complementary

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



13004298



680646

# 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.



35322



13004298



40645

# Square

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



13004298



39759



38894



13652920

# Rectangle

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



13004298



7442176



38894



6978288



# Sweetspot

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



13004298



16768696



12978789



8416084



0



8421504



# Same Dimension

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



13004298



16746496



12830218



6512474



10704640



2364160



# Inverse Universe

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



680646



30719



854726



5922403



19619



4388



# Previews

## White Background



This preview shows how the Decimal color 13004298 looks on a white background.

## Color Contrast Check

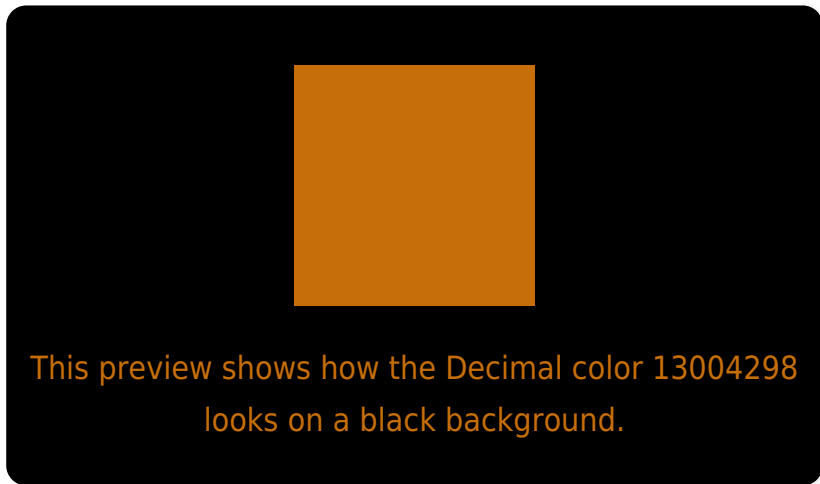
Large Text (above 18pt) WCAG AA ✓ Pass

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 13004298 Background



This preview shows how black text looks on a background with the Decimal color 13004298.



This preview shows how white text looks on a background with the Decimal color 13004298.

# 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**  
13004298

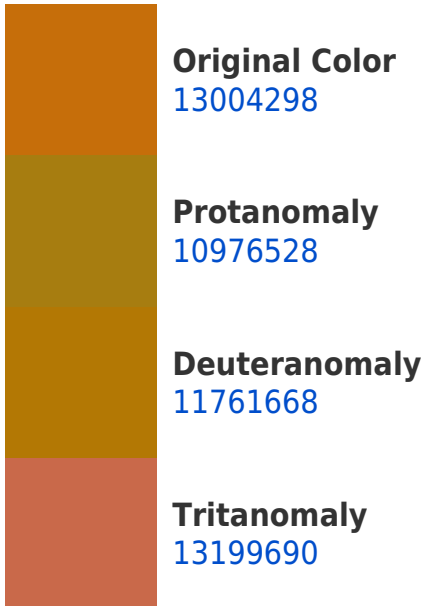
**Protanopia**  
9864467

**Deuteranopia**  
11042304

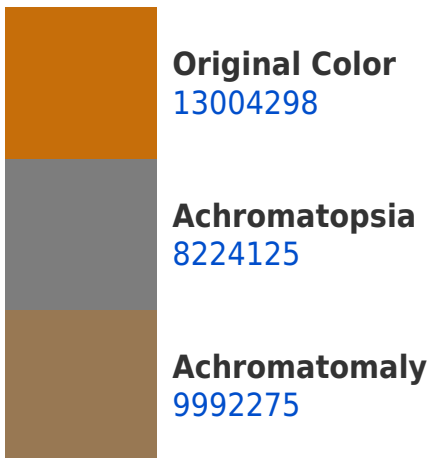


**Tritanopia**  
13264494

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13004298 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 #C66E0A looks like.

```
.text, #text, p{  
  color:#C66E0A  
}
```

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 #C66E0A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C66E0A
}
```

## Border

The CSS property to change the border of an element to Decimal 13004298 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
#C66E0A }
```

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

```
.border{ border-color:#C66E0A }
```

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

Here you see how a box with a 4 pixel #C66E0A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C66E0A; -webkit-box-shadow:4px 4px  
4px 4px #C66E0A; box-shadow:4px 4px 4px  
4px #C66E0A }
```

# Background

The CSS property to change the background color of an element to Decimal 13004298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C66E0A }
```

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

```
.background{ background-color:#C66E0A }
```

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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