

# Converting Colors

Decimal(12623199)

Have a look what the booklet for  
Decimal(12623199) contains.

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# **Color**

**Decimal(12623199)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C09D5F
RGB	192, 157, 95
RGB Percent	75%, 62%, 37%
CMY	0.2471, 0.3843, 0.6275
CMYK	0.00, 0.18, 0.51, 0.25
HSL	38°, 43%, 56%
HSV	38°, 51%, 75%
XYZ	35.8608, 36.1466, 15.9134
YIQ	160.3970, 40.7620, -11.8620

# Conversions

## Conversions Part 2

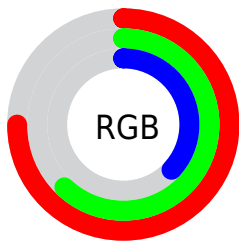
<b>Format</b>	<b>Color</b>
<b>RYB</b>	150, 192, 95
Decimal	12623199
CIELab	66.63, 5.12, 37.12
CIELCh	67, 37.472, 82.139
Yxy	36.1466, 0.4079, 0.4111
Android (android.graphics.Color)	4290813279 (0xFFC09D5F)
YUV	160.3970, -32.2407, 27.7158
Hunter-Lab	60.1221, 1.2555, 26.3923

# Details

The Decimal color **12623199** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **6259392**, and the grayscale version is **10592673**.

A 20% lighter version of the original color is **16438163**, and **8940079** is the 20% darker color. If you saturate the color by 10%, you get **12621388**, and if you desaturate by 10%, it is **12625010**.

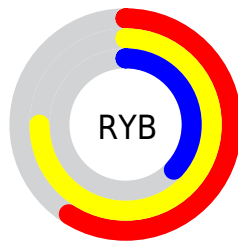
# Distribution



Red (75%)

Green (62%)

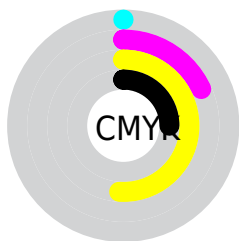
Blue (37%)



Red (59%)

Yellow (75%)

Blue (37%)

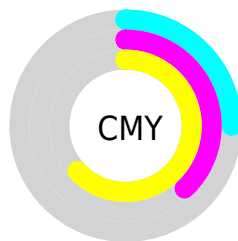


Cyan (0%)

Magenta (18%)

Yellow (51%)

Black (25%)



Cyan (25%)

Magenta (38%)

Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12623199 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 12623199 by changing the saturation by 10% instead.



 12623199

 12623199

16777215

 10781510

 16438163

 8940079

 16773294

 7164439

 16777161

 5454592

 16777190

 3810560

 2167040

 0

 12623199

 12623199

 12621388

 12625010

 12619577

 12626821

 12617765

 12628633

 12615954

 12630444

 12614400

 12632255

 12634066

 12635621

 12637433

 12639231

# Harmonies

## Analogous

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



14193006



12623199



10463330

# Triad

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



12623199



570554



12882124

# Complementary

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



12623199



6259392

# 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.



10067424



12623199



1749206

# Square

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



12623199



4895640



6334692



14518444

# Rectangle

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



12623199



8760687



6334692



12031188

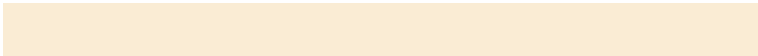


# Sweetspot

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



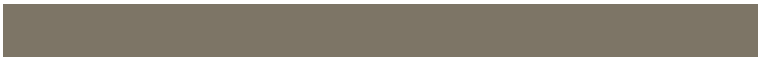
12623199



16444628



12607363



8222054



16579836



8224125



# Same Dimension

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



12623199



16434017



11780191



6380887



10577664



2168064

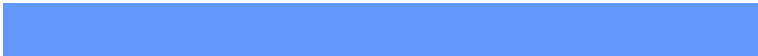


# Inverse Universe

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



6259392



6396154



7102400



5725025



15009



3105



# Previews

## White Background



This preview shows how the Decimal color 12623199 looks on a white background.

## Color Contrast Check

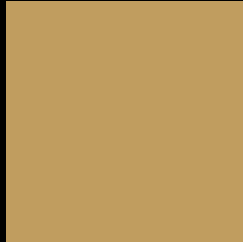
Large Text (above 18pt) WCAG AA × Fail

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 12623199 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 12623199 Background



This preview shows how black text looks on a background with the Decimal color 12623199.



This preview shows how white text looks on a background with the Decimal color 12623199.

# 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**  
12623199

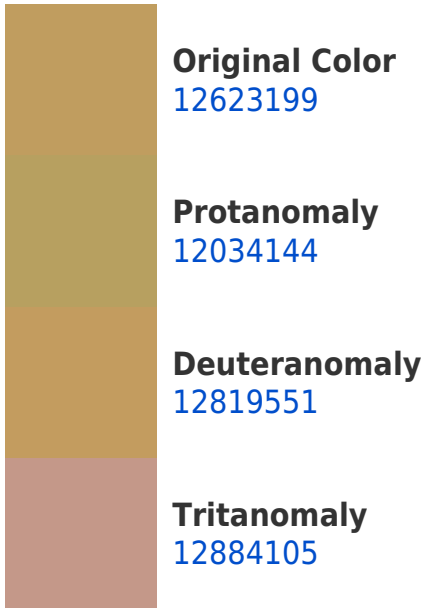
**Protanopia**  
11706977

**Deuteranopia**  
12950367

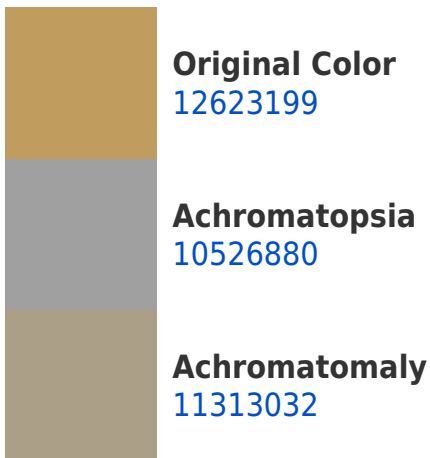


**Tritanopia**  
13014433

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12623199 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 #C09D5F looks like.

```
.text, #text, p{  
    color:#C09D5F  
}
```

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 #C09D5F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C09D5F
}
```

## Border

The CSS property to change the border of an element to Decimal 12623199 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
#C09D5F }
```

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

```
.border{ border-color:#C09D5F }
```

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

Here you see how a box with a 4 pixel #C09D5F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C09D5F; -webkit-box-shadow:4px 4px  
4px 4px #C09D5F; box-shadow:4px 4px 4px  
4px #C09D5F }
```

# Background

The CSS property to change the background color of an element to Decimal 12623199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C09D5F }
```

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

```
.background{ background-color:#C09D5F }
```

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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