

# Converting Colors

Decimal(12952398)

Have a look what the booklet for  
Decimal(12952398) contains.

<b>Decimal(12952398)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(12952398)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C5A34E
RGB	197, 163, 78
RGB Percent	77%, 64%, 31%
CMY	0.2275, 0.3608, 0.6941
CMYK	0.00, 0.17, 0.60, 0.23
HSL	43°, 51%, 54%
HSV	43°, 60%, 77%
XYZ	37.4983, 38.6148, 12.6847
YIQ	163.4760, 47.5490, -19.2270

# Conversions

## Conversions Part 2

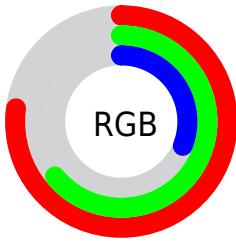
Format	Color
<a href="#">RYB</a>	<a href="#">126, 197, 78</a>
Decimal	<a href="#">12952398</a>
CIELab	<a href="#">68.47, 2.61, 47.96</a>
CIELCh	<a href="#">68, 48.032, 86.881</a>
Yxy	<a href="#">38.6148, 0.4223, 0.4349</a>
Android (android.graphics.Color)	<a href="#">4291142478 (0xFFC5A34E)</a>
YUV	<a href="#">163.4760, -42.1397, 29.4005</a>
Hunter-Lab	<a href="#">62.1408, -1.0321, 31.3957</a>

# Details

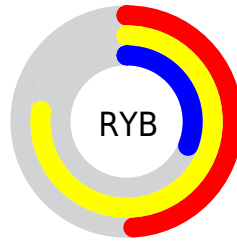
The Decimal color **12952398** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **5140677**, and the grayscale version is **10790052**.

A 20% lighter version of the original color is **16767618**, and **9203738** is the 20% darker color. If you saturate the color by 10%, you get **12950842**, and if you desaturate by 10%, it is **12953954**.

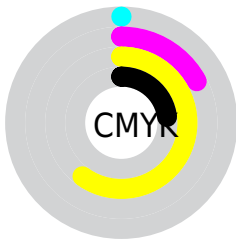
# Distribution



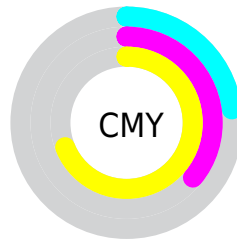
- Red (77%)
- Green (64%)
- Blue (31%)



- Red (49%)
- Yellow (77%)
- Blue (31%)



- Cyan (0%)
- Magenta (17%)
- Yellow (60%)
- Black (23%)






















- Cyan (23%)
- Magenta (36%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12952398 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 12952398 by changing the saturation by 10% instead.



 12952398	 12952398
 16777215	 11045173
 16767618	 9203738
 16774813	 7427840
 16777144	 5652480
 16777172	 3943168
 16777201	 2299648
	 0
 12952398	 12952398
 12950842	 12953954

 12949543

 12955253

 12947987

 12956809

 12946688

 12958365

 12959665

 12961220

 12962520

 12964076

 12965631

# Harmonies

## Analogous

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



15111007



12952398



10137687

# Triad

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



12952398



48589



14257623

# Complementary

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



12952398



5140677

# 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.



10722804



12952398



47343

# Square

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



12952398



48545



5221885



16090029

# Rectangle

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



12952398



7911018



5221885



13275875



# Sweetspot

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



12952398



16773841



12930674



8419171



0



8421504



# Same Dimension

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



12952398



16763719



11388238



6512986



10712320



2365696



# Inverse Universe

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



5140677



4685055



6704837



5921891



12195



2596



# Previews

## White Background



This preview shows how the Decimal color 12952398 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 12952398 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 12952398 Background



This preview shows how black text looks on a background with the Decimal color 12952398.



This preview shows how white text looks on a background with the Decimal color 12952398.

# 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](#).

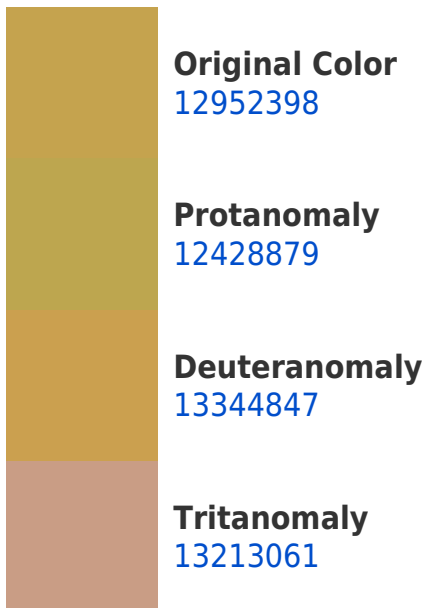
## Dichromacy



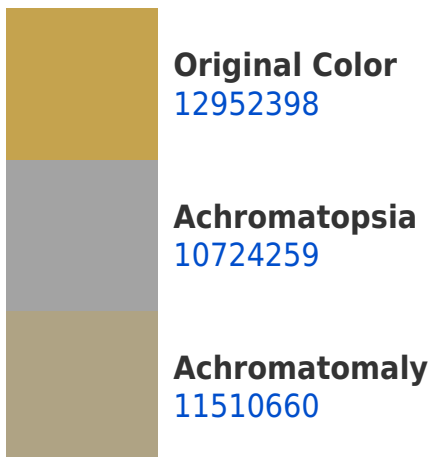


**Tritanopia**  
13408677

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12952398 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 #C5A34E looks like.

```
.text, #text, p{  
    color:#C5A34E  
}
```

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 #C5A34E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5A34E
}
```

## Border

The CSS property to change the border of an element to Decimal 12952398 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
#C5A34E }
```

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

```
.border{ border-color:#C5A34E }
```

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

Here you see how a box with a 4 pixel #C5A34E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5A34E; -webkit-box-shadow:4px 4px  
4px 4px #C5A34E; box-shadow:4px 4px 4px  
4px #C5A34E }
```

# Background

The CSS property to change the background color of an element to Decimal 12952398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5A34E }
```

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

```
.background{ background-color:#C5A34E }
```

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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