

# Converting Colors

Decimal(12816701)

Have a look what the booklet for  
Decimal(12816701) contains.

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# **Color**

**Decimal(12816701)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C3913D
RGB	195, 145, 61
RGB Percent	76%, 57%, 24%
CMY	0.2353, 0.4314, 0.7608
CMYK	0.00, 0.26, 0.69, 0.24
HSL	38°, 53%, 50%
HSV	38°, 69%, 76%
XYZ	33.4734, 32.1898, 8.8639
YIQ	150.3740, 56.7640, -15.5240

# Conversions

## Conversions Part 2

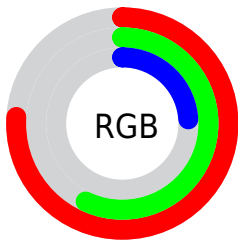
<b>Format</b>	<b>Color</b>
<b>RYB</b>	141, 195, 61
Decimal	12816701
CIELab	63.50, 10.42, 50.39
CIELCh	63, 51.455, 78.312
Yxy	32.1898, 0.4491, 0.4319
Android (android.graphics.Color)	4291006781 (0xFFC3913D)
YUV	150.3740, -44.0614, 39.1370
Hunter-Lab	56.7361, 6.0240, 30.4524

# Details

The Decimal color **12816701** 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 **4026307**, and the grayscale version is **9934743**.

A 20% lighter version of the original color is **16762736**, and **9002755** is the 20% darker color. If you saturate the color by 10%, you get **12814890**, and if you desaturate by 10%, it is **12818513**.

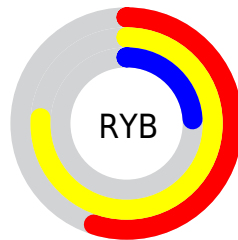
# Distribution



Red (76%)

Green (57%)

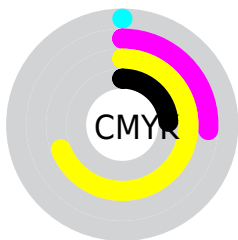
Blue (24%)



Red (55%)

Yellow (76%)

Blue (24%)

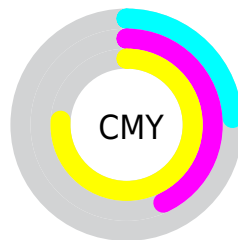


Cyan (0%)

Magenta (26%)

Yellow (69%)

Black (24%)



Cyan (24%)

Magenta (43%)





















Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12816701 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 12816701 by changing the saturation by 10% instead.



 12816701	 12816701
 16777215	 10909475
 16762736	 9002755
 16769931	 7161600
 16777126	 5386496
 16777154	 3677184
 16777182	 2098176
 16777211	 0
 12816701	 12816701
 12814890	 12818513

■ 12812822

■ 12820580

■ 12811011

■ 12822392

■ 12810752

■ 12824203

■ 12826015

■ 12828082

■ 12829894

■ 12831705

■ 12833517

# Harmonies

## Analogous

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



14843991



12816701



10002494

# Triad

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



12816701



45493



12616407

# Complementary

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



12816701



4026307

# 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.



8295921



12816701



44509

# Square

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



12816701



44934



42227



15037614

# Rectangle

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



12816701



7841614



42227



11438562



# Sweetspot

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



12816701



16574919



12795248



8418400



0



8421504



# Same Dimension

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



12816701



16559917



11780925



6380887



10577152



2168064



# Inverse Universe

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



4026307



2980860



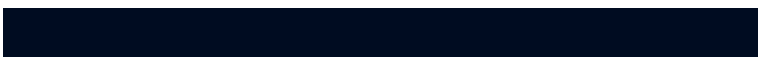
5062083



5725025



15521



3105



# Previews

## White Background



This preview shows how the Decimal color 12816701 looks on a white background.

## Color Contrast Check

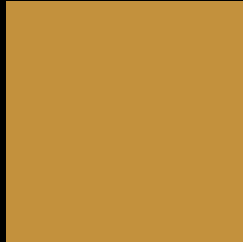
Large Text (above 18pt) WCAG AA × Fail

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 12816701 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 12816701 Background



This preview shows how black text looks on a background with the Decimal color 12816701.



This preview shows how white text looks on a background with the Decimal color 12816701.

# 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**  
12816701

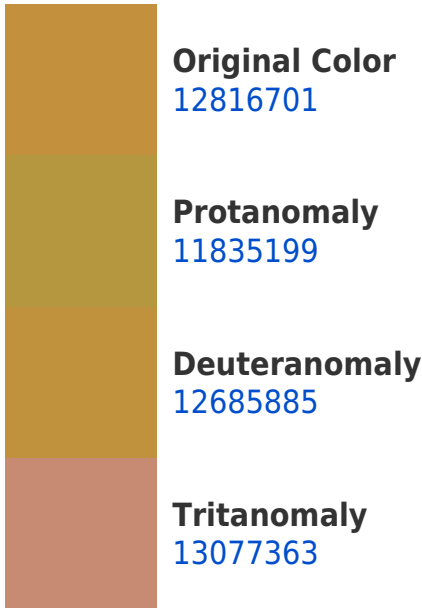
**Protanopia**  
11311680

**Deuteranopia**  
12620349



**Tritanopia**  
13207698

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12816701 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 #C3913D looks like.

```
.text, #text, p{  
    color:#C3913D  
}
```

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 #C3913D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3913D
}
```

## Border

The CSS property to change the border of an element to Decimal 12816701 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
#C3913D }
```

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

```
.border{ border-color:#C3913D }
```

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

Here you see how a box with a 4 pixel #C3913D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3913D; -webkit-box-shadow:4px 4px  
4px 4px #C3913D; box-shadow:4px 4px 4px  
4px #C3913D }
```

# Background

The CSS property to change the background color of an element to Decimal 12816701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3913D }
```

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

```
.background{ background-color:#C3913D }
```

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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