

Converting Colors

Decimal(12756301)

Have a look what the booklet for
Decimal(12756301) contains.

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Color

Decimal(12756301)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | C2A54D |
| RGB | 194, 165, 77 |
| RGB Percent | 76%, 65%, 30% |
| CMY | 0.2392, 0.3529, 0.6980 |
| CMYK | 0.00, 0.15, 0.60, 0.24 |
| HSL | 45°, 49%, 53% |
| HSV | 45°, 60%, 76% |
| XYZ | 37.0428, 38.9154, 12.5802 |
| YIQ | 163.6390, 45.5320, -21.2200 |

Conversions

Conversions Part 2

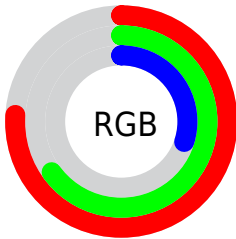
| Format | Color |
|-------------------------------------|--|
| RYB | 116, 194, 77 |
| Decimal | 12756301 |
| CIELab | 68.69, 0.18, 48.61 |
| CIELCh | 69, 48.607, 89.787 |
| Yxy | 38.9154, 0.4184, 0.4395 |
| Android (android.graphics.Color) | 4290946381 (0xFFC2A54D) |
| YUV | 163.6390, -42.7130, 26.6266 |
| Hunter-Lab | 62.3822, -3.1749, 31.7109 |

Details

The Decimal color **12756301** 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 **5073602**, and the grayscale version is **10790052**.

A 20% lighter version of the original color is **16637057**, and **9007641** is the 20% darker color. If you saturate the color by 10%, you get **12755002**, and if you desaturate by 10%, it is **12757600**.

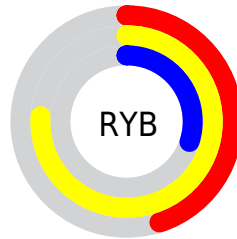
Distribution



Red (76%)

Green (65%)

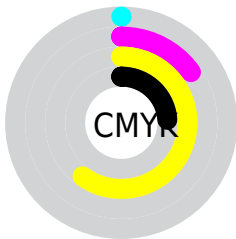
Blue (30%)



Red (45%)

Yellow (76%)

Blue (30%)

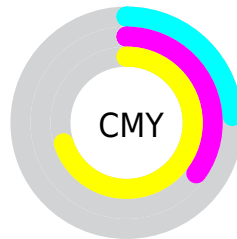


Cyan (0%)

Magenta (15%)

Yellow (60%)

Black (24%)



Cyan (24%)

Magenta (35%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12756301 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 12756301 by changing the saturation by 10% instead.

 12756301

 12756301

16777215

 10849076

 16637057

 9007641

 16775324

 7231744

 16777143

 5521920

 16777171

 3746816

 16777200

 2168832

 0

 12756301

 12756301

 12755002

 12757600

 12753702

 12758900

 12752659

 12759943

 12751360

 12761243

 12762542

 12763841

 12765141

 12766184

 12767484

Harmonies

Analogous

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



15045980



12756301



9810520

Triad

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



12756301



48594



14585045

Complementary

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



12756301



5073602

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.



11181300



12756301



47347

Square

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



12756301



48806



5811455



16221098

Rectangle

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



12756301



7518317



5811455



13603297

Sweetspot

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



12756301



16576975



12733802



8419683



0



8421504

Same Dimension

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



12756301



16568135



10863181



6381143



10582272



2169088

Inverse Universe

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



5073602



4683004



6966722



5724769



10401



2081

Previews

White Background



This preview shows how the Decimal color 12756301 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 12756301 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 12756301 Background



This preview shows how black text looks on a background with the Decimal color 12756301.



This preview shows how white text looks on a background with the Decimal color 12756301.

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
12756301

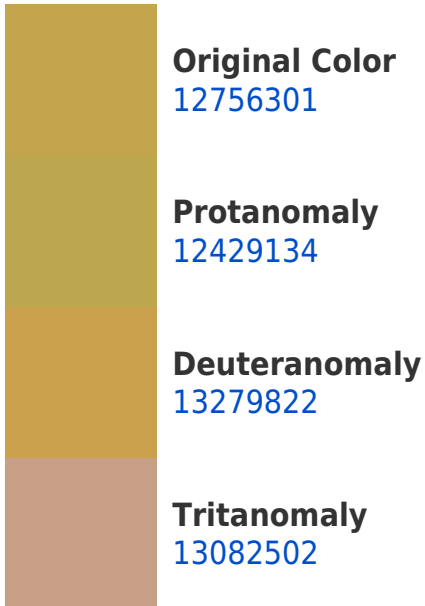
Protanopia
12232782

Deuteranopia
13606990



Tritanopia
13278119

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 12756301 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 #C2A54D looks like.

```
.text, #text, p{  
    color:#C2A54D  
}
```

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 #C2A54D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2A54D } }
```

Border

The CSS property to change the border of an element to Decimal 12756301 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 #C2A54D } }
```

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

```
.border{ border-color:#C2A54D }
```

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

Here you see how a box with a 4 pixel #C2A54D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2A54D; -webkit-box-shadow:4px 4px  
4px 4px #C2A54D; box-shadow:4px 4px 4px  
4px #C2A54D }
```

Background

The CSS property to change the background color of an element to Decimal 12756301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2A54D }
```

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

```
.background{ background-color:#C2A54D }
```

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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