

Converting Colors

Decimal(12633400)

Have a look what the booklet for
Decimal(12633400) contains.

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Color

Decimal(12633400)

Conversions

Conversions Part 1

Format	Color
Hex	C0C538
RGB	192, 197, 56
RGB Percent	75%, 77%, 22%
CMY	0.2471, 0.2275, 0.7804
CMYK	0.03, 0.00, 0.72, 0.23
HSL	62°, 56%, 50%
HSV	62°, 72%, 77%
XYZ	42.4183, 51.4245, 11.4316
YIQ	179.4310, 42.2810, -44.9110

Conversions

Conversions Part 2

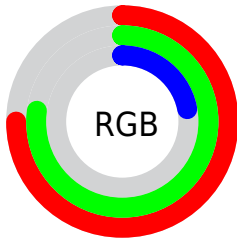
Format	Color
RYB	56, 197, 61
Decimal	12633400
CIELab	76.94, -18.49, 65.88
CIELCh	77, 68.427, 105.673
Yxy	51.4245, 0.4029, 0.4885
Android (android.graphics.Color)	4290823480 (0xFFC0C538)
YUV	179.4310, -60.8515, 11.0230
Hunter-Lab	71.7109, -19.9080, 40.7460

Details

The Decimal color **12633400** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **4012229**, and the grayscale version is **11842740**.

A 20% lighter version of the original color is **16514416**, and **8883968** is the 20% darker color. If you saturate the color by 10%, you get **12567844**, and if you desaturate by 10%, it is **12698956**.

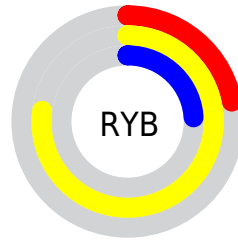
Distribution



Red (75%)

Green (77%)

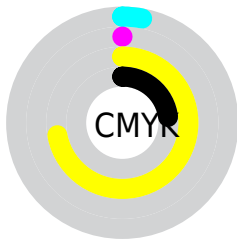
Blue (22%)



Red (22%)

Yellow (77%)

Blue (24%)

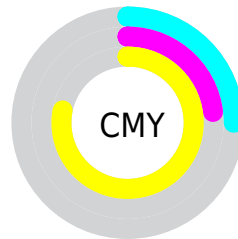


Cyan (3%)

Magenta (0%)

Yellow (72%)

Black (23%)



Cyan (25%)


















Magenta (23%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12633400 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 12633400 by changing the saturation by 10% instead.

 12633400	 12633400
16777215	 10725910
 16514416	 8883968
 16777100	 7042560
 16777128	 5266688
 16777157	 3491328
 16777186	 1781760
	 7168
	 0
 12633400	 12633400

■ 12567844

■ 12698956

■ 12567825

■ 12698975

■ 12502272

■ 12764531

■ 12830087

■ 12830107

■ 12895662

■ 12961218

■ 13026774

■ 13026793

Harmonies

Analogous

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



16363580



12633400



7852896

Triad

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



12633400



55807



16746719

Complementary

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



12633400



4012229

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.



15507455



12633400



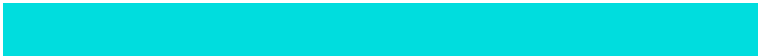
52991

Square

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



12633400



56798



8829439



16745887

Rectangle

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



12633400



1300871



8829439



16748275

Sweetspot

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



12633400



16646089



12926264



8290400



0



8421504

Same Dimension

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



12633400



16252708



8045880



6513498



10330880



2237440

Inverse Universe

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



4012229



2827519



8599749



5921379



393379



65572

Previews

White Background



This preview shows how the Decimal color 12633400 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 12633400 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 12633400 Background



This preview shows how black text looks on a background with the Decimal color 12633400.

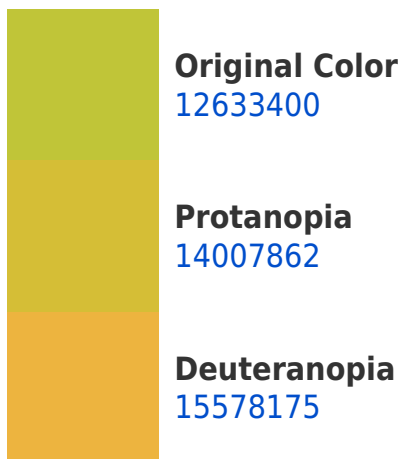


This preview shows how white text looks on a background with the Decimal color 12633400.

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](#).

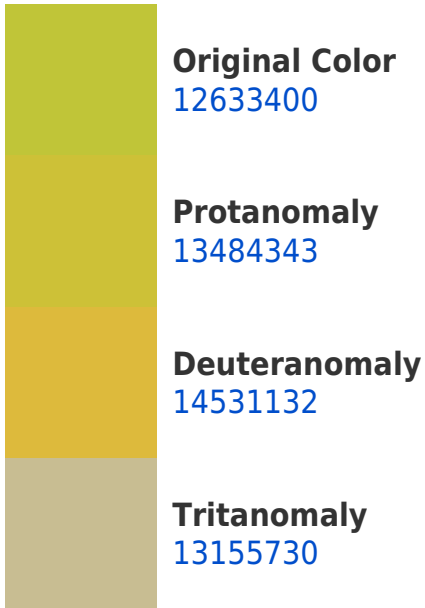
Dichromacy





Tritanopia
13482182

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 12633400 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 #C0C538 looks like.

```
.text, #text, p{  
    color:#C0C538  
}
```

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 #C0C538 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C0C538
}
```

Border

The CSS property to change the border of an element to Decimal 12633400 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
#C0C538 }
```

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

```
.border{ border-color:#C0C538 }
```

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

Here you see how a box with a 4 pixel #C0C538 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C0C538; -webkit-box-shadow:4px 4px  
4px 4px #C0C538; box-shadow:4px 4px 4px  
4px #C0C538 }
```

Background

The CSS property to change the background color of an element to Decimal 12633400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C0C538 }
```

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

```
.background{ background-color:#C0C538 }
```

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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