

Converting Colors

Decimal(12755801)

Have a look what the booklet for
Decimal(12755801) contains.

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Color

Decimal(12755801)

Conversions

Conversions Part 1

Format	Color
Hex	C2A359
RGB	194, 163, 89
RGB Percent	76%, 64%, 35%
CMY	0.2392, 0.3608, 0.6510
CMYK	0.00, 0.16, 0.54, 0.24
HSL	42°, 46%, 55%
HSV	42°, 54%, 76%
XYZ	37.1485, 38.3850, 14.9023
YIQ	163.8330, 42.2300, -16.4420

Conversions

Conversions Part 2

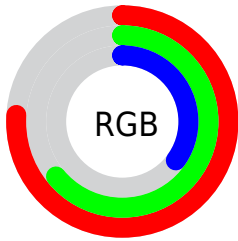
Format	Color
RYB	133, 194, 89
Decimal	12755801
CIELab	68.30, 2.19, 42.28
CIELCh	68, 42.339, 87.030
Yxy	38.3850, 0.4108, 0.4244
Android (android.graphics.Color)	4290945881 (0xFFC2A359)
YUV	163.8330, -36.8927, 26.4565
Hunter-Lab	61.9556, -1.3940, 29.1078

Details

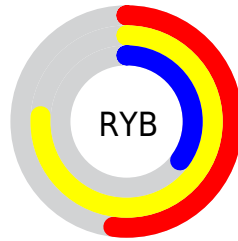
The Decimal color **12755801** is a light color, and the websafe version is hex **CC9966**. The color can be described as light muted orange. A complement of this color would be **5863618**, and the grayscale version is **10790052**.

A 20% lighter version of the original color is **16636557**, and **9072680** is the 20% darker color. If you saturate the color by 10%, you get **12754246**, and if you desaturate by 10%, it is **12757356**.

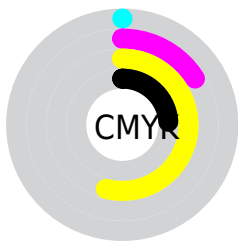
Distribution



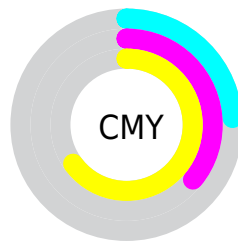
- Red (76%)
- Green (64%)
- Blue (35%)



- Red (52%)
- Yellow (76%)
- Blue (35%)



- Cyan (0%)
- Magenta (16%)
- Yellow (54%)
- Black (24%)



- Cyan (24%)
- Magenta (36%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12755801 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 12755801 by changing the saturation by 10% instead.

 12755801

 12755801

16777215

 10914112

 16636557

 9072680

 16774824

 7296781

 16777155

 5521408

 16777184

 3877376

 16777212

 2233856

 0

 12755801

 12755801

 12754246

 12757356

12752946

12758656

12751391

12760211

12749835

12761767

12749056

12763322

12764621

12766177

12767732

12769279

Harmonies

Analogous

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



14718311



12755801



10202977

Triad

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



12755801



47816



13865169

Complementary

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



12755801



5863618

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.



10854123



12755801



46566

Square

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



12755801



2996897



6466802



15501484

Rectangle

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



12755801



8303729



6466802



13014235

Sweetspot

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



12755801



16576980



12736889



8419431



0



8421504

Same Dimension

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



12755801



16567384



11387481



6381143



10580224



2168576

Inverse Universe

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



5863618



5802492



7231938



5724769



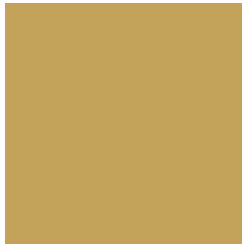
12193



2593

Previews

White Background



This preview shows how the Decimal color 12755801 looks on a white background.

Color Contrast Check

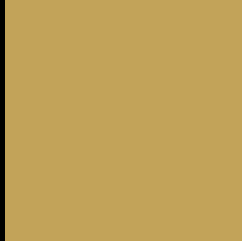
Large Text (above 18pt) WCAG AA × Fail

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 12755801 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 12755801 Background



This preview shows how black text looks on a background with the Decimal color 12755801.



This preview shows how white text looks on a background with the Decimal color 12755801.

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
12755801

Protanopia
12035930

Deuteranopia
13410138



Tritanopia
13212326

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 12755801 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 #C2A359 looks like.

```
.text, #text, p{  
    color:#C2A359  
}
```

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 #C2A359 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2A359
}
```

Border

The CSS property to change the border of an element to Decimal 12755801 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
#C2A359 }
```

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

```
.border{ border-color:#C2A359 }
```

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

Here you see how a box with a 4 pixel #C2A359 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2A359; -webkit-box-shadow:4px 4px  
4px 4px #C2A359; box-shadow:4px 4px 4px  
4px #C2A359 }
```

Background

The CSS property to change the background color of an element to Decimal 12755801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2A359 }
```

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

```
.background{ background-color:#C2A359 }
```

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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