

Converting Colors

Decimal(12887387)

Have a look what the booklet for
Decimal(12887387) contains.

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Color

Decimal(12887387)

Conversions

Conversions Part 1

Format	Color
Hex	C4A55B
RGB	196, 165, 91
RGB Percent	77%, 65%, 36%
CMY	0.2314, 0.3529, 0.6431
CMYK	0.00, 0.16, 0.54, 0.23
HSL	42°, 47%, 56%
HSV	42°, 54%, 77%
XYZ	38.1084, 39.4014, 15.4942
YIQ	165.8330, 42.2300, -16.4420

Conversions

Conversions Part 2

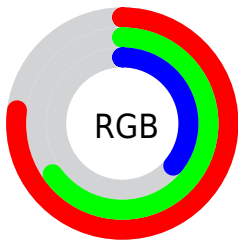
Format	Color
RYB	135, 196, 91
Decimal	12887387
CIELab	69.04, 2.14, 42.21
CIELCh	69, 42.261, 87.102
Yxy	39.4014, 0.4098, 0.4237
Android (android.graphics.Color)	4291077467 (0xFFC4A55B)
YUV	165.8330, -36.8927, 26.4565
Hunter-Lab	62.7705, -1.4798, 29.3043

Details

The Decimal color **12887387** 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 **5995204**, and the grayscale version is **10921638**.

A 20% lighter version of the original color is **16768143**, and **9204010** is the 20% darker color. If you saturate the color by 10%, you get **12885831**, and if you desaturate by 10%, it is **12888943**.

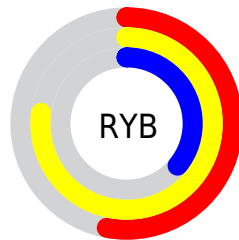
Distribution



Red (77%)

Green (65%)

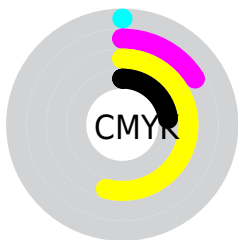
Blue (36%)



Red (53%)

Yellow (77%)

Blue (36%)

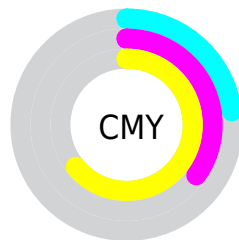


Cyan (0%)

Magenta (16%)

Yellow (54%)

Black (23%)



Cyan (23%)

Magenta (35%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12887387 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 12887387 by changing the saturation by 10% instead.

 12887387  12887387

16777215  11045698

 16768143  9204010

 16775338  7428368

 16777157  5652992

 16777186  4008960

 2365440

 0

 12887387  12887387

 12885831  12888943

12884276

12890498

12882976

12891798

12881421

12893353

12880384

12894909

12896465

12898020

12899320

12900863

Harmonies

Analogous

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



14849897



12887387



10334563

Triad

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



12887387



48330



13996755

Complementary

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



12887387



5995204

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.



10985709



12887387



47080

Square

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



12887387



3259555



6663924



15633070

Rectangle

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



12887387



8435315



6663924



13145821

Sweetspot

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



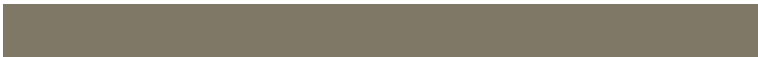
12887387



16774102



12868475



8419431



0



8421504

Same Dimension

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



12887387



16764764



11519067



6381143



10580224



2168576

Inverse Universe

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



5995204



6065407



7363524



5724769



12193



2593

Previews

White Background



This preview shows how the Decimal color 12887387 looks on a white background.

Color Contrast Check

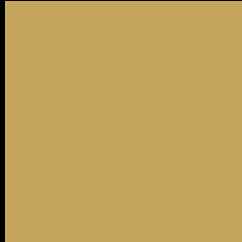
Large Text (above 18pt) WCAG AA × Fail

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 12887387 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 12887387 Background



This preview shows how black text looks on a background with the Decimal color 12887387.



This preview shows how white text looks on a background with the Decimal color 12887387.

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
12887387

Protanopia
12233052

Deuteranopia
13541724



Tritanopia
13343912

Trichromacy



Original Color
12887387

Protanomaly
12494940

Deuteranomaly
13279836

Tritanomaly
13148044

Monochromacy



Original Color
12887387

Achromatopsia
10921638

Achromatomaly
11642507

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12887387 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 #C4A55B looks like.

```
.text, #text, p{  
    color:#C4A55B  
}
```

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 #C4A55B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4A55B
}
```

Border

The CSS property to change the border of an element to Decimal 12887387 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
#C4A55B }
```

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

```
.border{ border-color:#C4A55B }
```

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

Here you see how a box with a 4 pixel #C4A55B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4A55B; -webkit-box-shadow:4px 4px  
4px 4px #C4A55B; box-shadow:4px 4px 4px  
4px #C4A55B }
```

Background

The CSS property to change the background color of an element to Decimal 12887387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4A55B }
```

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

```
.background{ background-color:#C4A55B }
```

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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