

Converting Colors

Decimal(13672001)

Have a look what the booklet for
Decimal(13672001) contains.

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Color

Decimal(13672001)

Conversions

Conversions Part 1

Format	Color
Hex	D09E41
RGB	208, 158, 65
RGB Percent	82%, 62%, 25%
CMY	0.1843, 0.3804, 0.7451
CMYK	0.00, 0.24, 0.69, 0.18
HSL	39°, 60%, 54%
HSV	39°, 69%, 82%
XYZ	39.1934, 38.2453, 10.3174
YIQ	162.3480, 59.6530, -18.3230

Conversions

Conversions Part 2

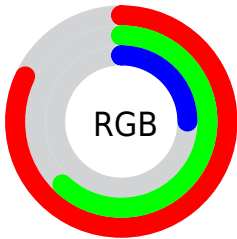
Format	Color
RYB	142, 208, 65
Decimal	13672001
CIELab	68.20, 9.22, 53.99
CIElCh	68, 54.776, 80.306
Yxy	38.2453, 0.4466, 0.4358
Android (android.graphics.Color)	4291862081 (0xFFD09E41)
YUV	162.3480, -47.9926, 40.0368
Hunter-Lab	61.8428, 4.9012, 33.3984

Details

The Decimal color **13672001** 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 **4289488**, and the grayscale version is **10724259**.

A 20% lighter version of the original color is **16766069**, and **9857797** is the 20% darker color. If you saturate the color by 10%, you get **13670188**, and if you desaturate by 10%, it is **13673814**.

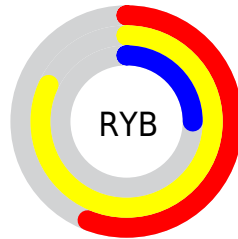
Distribution



Red (82%)

Green (62%)

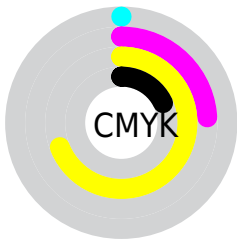
Blue (25%)



Red (56%)

Yellow (82%)

Blue (25%)

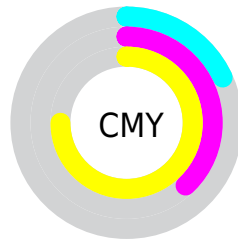


Cyan (0%)

Magenta (24%)

Yellow (69%)

Black (18%)



Cyan (18%)

Magenta (38%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 13672001 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 13672001 by changing the saturation by 10% instead.

 13672001

 13672001

16777215

 11764775

 16766069

 9857797

 16773520

 7951104

 16777131

 6175744

 16777159

 4400640

 16777188

 2691584

 262144

 0

 13672001

 13672001

13670188

13673814

13668119

13675883

13666307

13677695

13666048

13679508

13681321

13683390

13685203

13687015

13688828

Harmonies

Analogous

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



15895388



13672001



10595908

Triad

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



13672001



49095



13864166

Complementary

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



13672001



4289488

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.



9347327



13672001



48113

Square

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



13672001



48788



45311



16350648

Rectangle

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



13672001



8172887



45311



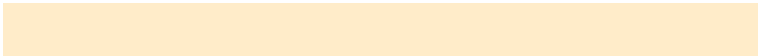
12620530

Sweetspot

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



13672001



16772297



13648243



8418400



0



8421504

Same Dimension

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



13672001



16758059



12308545



6907230



11037952



2693888

Inverse Universe

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



4289488



2848255



5652944



6185577



15272



3625

Previews

White Background



This preview shows how the Decimal color 13672001 looks on a white background.

Color Contrast Check

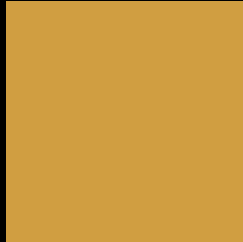
Large Text (above 18pt) WCAG AA × Fail

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 13672001 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 13672001 Background



This preview shows how black text looks on a background with the Decimal color 13672001.



This preview shows how white text looks on a background with the Decimal color 13672001.

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
13672001

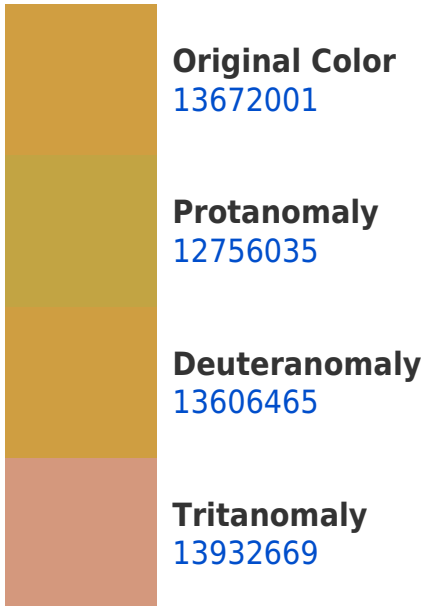
Protanopia
12232516

Deuteranopia
13606465



Tritanopia
14128288

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 13672001 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 #D09E41 looks like.

```
.text, #text, p{  
    color:#D09E41  
}
```

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 #D09E41 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D09E41
}
```

Border

The CSS property to change the border of an element to Decimal 13672001 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
#D09E41 }
```

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

```
.border{ border-color:#D09E41 }
```

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

Here you see how a box with a 4 pixel #D09E41 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D09E41; -webkit-box-shadow:4px 4px  
4px 4px #D09E41; box-shadow:4px 4px 4px  
4px #D09E41 }
```

Background

The CSS property to change the background color of an element to Decimal 13672001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D09E41 }
```

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

```
.background{ background-color:#D09E41 }
```

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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