

Converting Colors

Android(4291866201)

Have a look what the booklet for
Android(4291866201) contains.

| | |
|--|----|
| Android(4291866201) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Android(4291866201)

Conversions

| Conversions Part 1 | |
|--------------------|-----------------------------|
| Format | Color |
| Hex | D0AE59 |
| RGB | 208, 174, 89 |
| RGB Percent | 82%, 68%, 35% |
| CMY | 0.1843, 0.3176, 0.6510 |
| CMYK | 0.00, 0.16, 0.57, 0.18 |
| HSL | 43°, 56%, 58% |
| HSV | 43°, 57%, 82% |
| XYZ | 42.9516, 44.4033, 15.7581 |
| YIQ | 174.4760, 47.5490, -19.2270 |

Conversions

Conversions Part 2

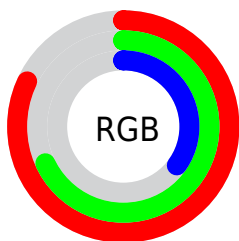
| Format | Color |
|-------------------------------------|---|
| RYB | 137, 208, 89 |
| Decimal | 13676121 |
| CIELab | 72.50, 2.24, 47.58 |
| CIELCh | 72, 47.629, 87.305 |
| Yxy | 44.4033, 0.4165, 0.4306 |
| Android (android.graphics.Color) | 4291866201 (0xFFD0AE59) |
| YUV | 174.4760, -42.1397, 29.4005 |
| Hunter-Lab | 66.6358, -1.5563, 32.6241 |

Details

The Android color **4291866201** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **4284054480**, and the grayscale version is **4289703855**.

A 20% lighter version of the original color is **4294960525**, and **4288117286** is the 20% darker color. If you saturate the color by 10%, you get **4291864644**, and if you desaturate by 10%, it is **4291867758**.

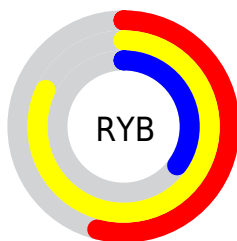
Distribution



Red (82%)

Green (68%)

Blue (35%)



Red (54%)

Yellow (82%)

Blue (35%)

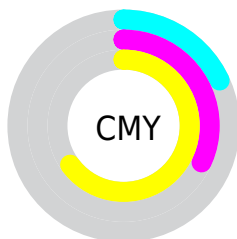


Cyan (0%)

Magenta (16%)

Yellow (57%)

Black (18%)



Cyan (18%)















Magenta (32%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291866201 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 Android color 4291866201 by changing the saturation by 10% instead.

| | |
|--|--|
|  4291866201 |  4291866201 |
| 4294967295 |  4289958976 |
|  4294960525 |  4288117286 |
|  4294967208 |  4286275848 |
|  4294967236 |  4284500480 |
|  4294967265 |  4282790656 |
| 4294967294 |  4281081600 |
| |  4279371520 |
| |  4278190080 |

| | |
|--|--|
|  4291866201 |  4291866201 |
|--|--|

 4291864644

 4291867758

 4291863087

 4291869315

 4291861531


 4291870871

 4291859974

 4291872428

 4291859712

 4291873985

 4291875542

 4291877099

 4291878655

 4291879935

Harmonies

Analogous

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



4294090346



4291866201



4288985954

Triad

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



4291866201



4278241496



4293171425

Complementary

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



4291866201



4284054480

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.



4289702143



4291866201



4278239994

Square

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



4291866201



4279093420



4284528895



4294938296

Rectangle

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



4291866201



4286759541



4284528895



4292189677

Sweetspot

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



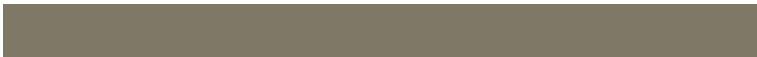
4291866201



4294964180



4291844477



4286609510



4278190080



4286611584

Same Dimension

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



4291866201



4294954319



4290302041



4285097566



4289230848



4280884480

Inverse Universe

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



4284054480



4283400703



4285618640



4284375401



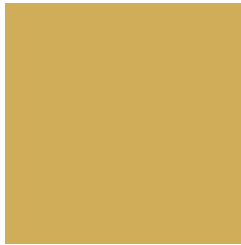
4278202536



4278193193

Previews

White Background



This preview shows how the Android color 4291866201 looks on a white background.

Color Contrast Check

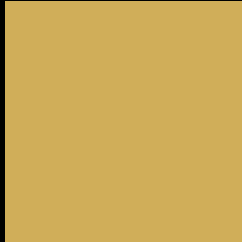
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Android color 4291866201 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](#).

Android 4291866201 Background



This preview shows how black text looks on a background with the Android color 4291866201.

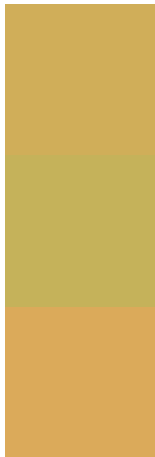


This preview shows how white text looks on a background with the Android color 4291866201.

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


4291866201

Protanopia

4291146330

Deuteranopia

4292586074

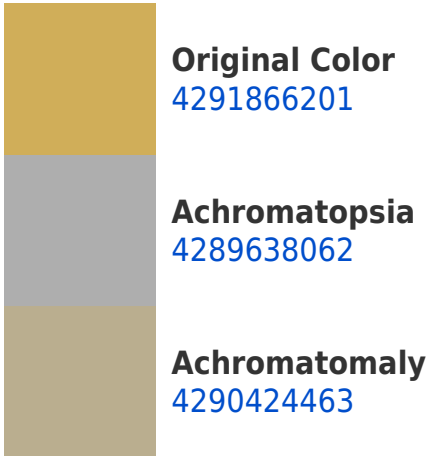


Tritanopia
4292388017

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Android 4291866201 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 `rgb(208, 174, 89)` looks like.

```
.text, #text, p{  
    color:rgb(208, 174, 89)  
}
```

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 rgb(208, 174, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 174, 89) }
```

Border

The CSS property to change the border of an element to Android 4291866201 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 rgb(208, 174, 89) }
```

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

```
.border{ border-color:rgb(208, 174, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 174, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 174, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 174, 89);  
box-shadow:4px 4px 4px 4px rgb(208, 174,  
89) }
```

Background

The CSS property to change the background color of an element to Android 4291866201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 174, 89) }
```

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

```
.background{ background-color: rgb(208,  
174, 89) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor