

Converting Colors

Android(4291870255)

Have a look what the booklet for
Android(4291870255) contains.

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Color

Android(4291870255)

Conversions

Conversions Part 1

Format	Color
Hex	D0BE2F
RGB	208, 190, 47
RGB Percent	82%, 75%, 18%
CMY	0.1843, 0.2549, 0.8157
CMYK	0.00, 0.09, 0.77, 0.18
HSL	53°, 63%, 50%
HSV	53°, 77%, 82%
XYZ	44.9390, 50.4420, 10.0571
YIQ	179.0800, 56.6310, -40.6570

Conversions

Conversions Part 2

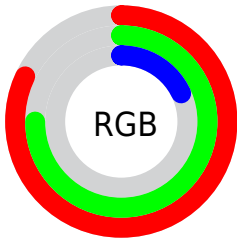
Format	Color
RYB	67, 208, 47
Decimal	13680175
CIELab	76.34, -8.49, 68.80
CIELCh	76, 69.322, 97.039
Yxy	50.4420, 0.4262, 0.4784
Android (android.graphics.Color)	4291870255 (0xFFD0BE2F)
YUV	179.0800, -65.1154, 25.3628
Hunter-Lab	71.0226, -11.3450, 41.3201

Details

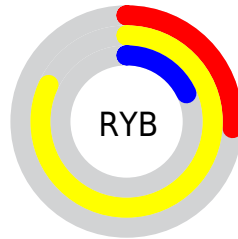
The Android color `4291870255` is a dark color, and the websafe version is hex `CCCC33`. The color can be described as middle washed orange. A complement of this color would be `4281287120`, and the grayscale version is `4290032820`.

A 20% lighter version of the original color is `4294964841`, and `4288055552` is the 20% darker color. If you saturate the color by 10%, you get `4291869722`, and if you desaturate by 10%, it is `4291870788`.

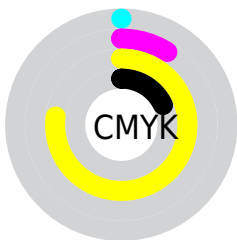
Distribution



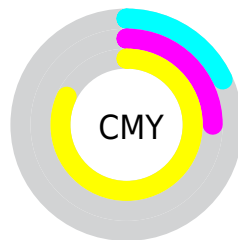
- Red (82%)
- Green (75%)
- Blue (18%)



- Red (26%)
- Yellow (82%)
- Blue (18%)



- Cyan (0%)
- Magenta (9%)
- Yellow (77%)
- Black (18%)



- Cyan (18%)
- Magenta (25%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291870255 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 4291870255 by changing the saturation by 10% instead.



4291870255



4291870255

4294967295



4289962755



4294964841



4288055552



4294967173



4286148608



4294967201



4284372992



4294967229



4282532096



4294967258



4280888064



4294967287



4279047936



4278190080



4291870255



4291870255

■ 4291869722

■ 4291870788

■ 4291868933

■ 4291871577

■ 4291868928

■ 4291872109

■ 4291872642

■ 4291873431

■ 4291873964

■ 4291874497

■ 4291875285

■ 4291875818

Harmonies

Analogous

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



4294944578



4291870255



4287417935

Triad

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



4291870255



4278245887



4294937584

Complementary

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



4291870255



4281287120

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.



4292060671



4291870255



4278243583

Square

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



4291870255



4278246346



4283351039



4294934704

Rectangle

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



4291870255



4283159923



4283351039



4294939647

Sweetspot

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



4291870255



4294965444



4291833666



4286610524



4278190080



4286611584

Same Dimension

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



4291870255



4294960146



4287811631



4285097822



4289238272



4280886272

Inverse Universe

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



4281287120



4279381247



4285345744



4284374889



4278195112



4278191401

Previews

White Background



This preview shows how the Android color 4291870255 looks on a white background.

Color Contrast Check

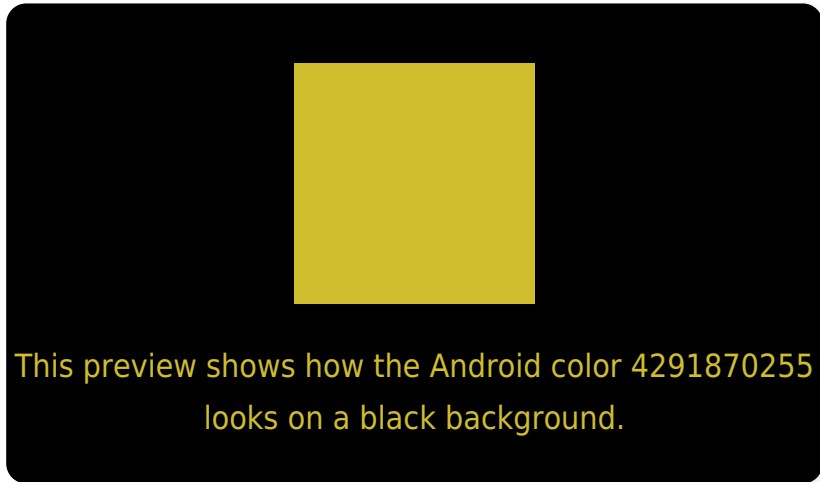
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 4291870255 Background



This preview shows how black text looks on a background with the Android color 4291870255.



This preview shows how white text looks on a background with the Android color 4291870255.

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
4291870255

Protanopia
4292132143

Deuteranopia
4293702452



Tritanopia
4292587967

Trichromacy



Original Color

4291870255

Protanomaly

4292066607

Deuteranomaly

4293048114

Tritanomaly

4292327051

Monochromacy



Original Color

4291870255

Achromatopsia

4289967027

Achromatomaly

4290688899

CSS Examples

Text

The CSS property to change the color of the text to Android 4291870255 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, 190, 47)` looks like.

```
.text, #text, p{  
    color:rgb(208, 190, 47)  
}
```

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, 190, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 190, 47) }
```

Border

The CSS property to change the border of an element to Android 4291870255 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, 190, 47) }
```

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

```
.border{ border-color:rgb(208, 190, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 190, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 190, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 190, 47);  
box-shadow:4px 4px 4px 4px rgb(208, 190,  
47) }
```

Background

The CSS property to change the background color of an element to Android 4291870255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 190, 47) }
```

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

```
.background{ background-color: rgb(208,  
190, 47) }
```

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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