

Converting Colors

Android(4291741233)

Have a look what the booklet for
Android(4291741233) contains.

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Color

Android(4291741233)

Conversions

Conversions Part 1

Format	Color
Hex	CEC631
RGB	206, 198, 49
RGB Percent	81%, 78%, 19%
CMY	0.1922, 0.2235, 0.8078
CMYK	0.00, 0.04, 0.76, 0.19
HSL	57°, 62%, 50%
HSV	57°, 76%, 81%
XYZ	46.2021, 53.7317, 10.8419
YIQ	183.4060, 52.5970, -44.6430

Conversions

Conversions Part 2

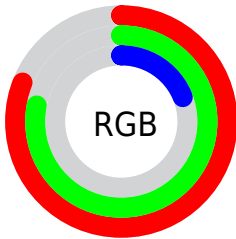
Format	Color
RYB	57, 206, 49
Decimal	13551153
CIELab	78.31, -13.35, 69.90
CIELCh	78, 71.159, 100.813
Yxy	53.7317, 0.4171, 0.4850
Android (android.graphics.Color)	4291741233 (0xFFCEC631)
YUV	183.4060, -66.2622, 19.8149
Hunter-Lab	73.3019, -15.7702, 42.5419

Details

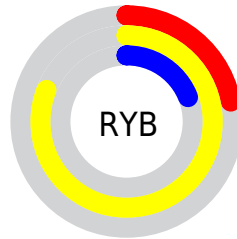
The Android color **4291741233** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **4281416142**, and the grayscale version is **4290295992**.

A 20% lighter version of the original color is **4294966891**, and **4287926528** is the 20% darker color. If you saturate the color by 10%, you get **4291740956**, and if you desaturate by 10%, it is **4291741510**.

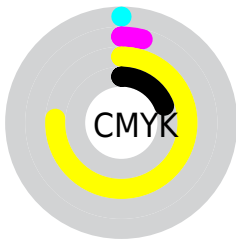
Distribution



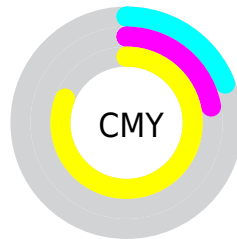
- Red (81%)
- Green (78%)
- Blue (19%)



- Red (22%)
- Yellow (81%)
- Blue (19%)



- Cyan (0%)
- Magenta (4%)
- Yellow (76%)
- Black (19%)





- Cyan (19%)
- Magenta (22%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291741233 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 4291741233 by changing the saturation by 10% instead.

 4291741233

 4291741233

4294967295

 4289833733

 4294966891

 4287926528

 4294967175

 4286019328

 4294967203

 4284243712

 4294967232

 4282468096


 4294967261

 4280758528

 4294967290

 4278983680

 4278190080

 4291741233

 4291741233

■ 4291740956

■ 4291741510

■ 4291740680

■ 4291741786

■ 4291740672

■ 4291742063

■ 4291742339

■ 4291742616

■ 4291742893

■ 4291743169

■ 4291743446

■ 4291743722

Harmonies

Analogous

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



4294946622



4291741233



4286961239

Triad

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



4291741233



4278247423



4294937839

Complementary

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



4291741233



4281416142

Split Complementary

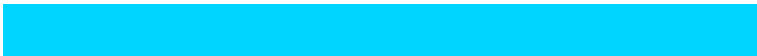
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4293175039



4291741233



4278244863

Square

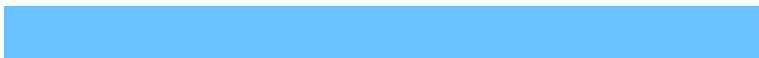
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4291741233



4278248152



4285186559



4294935724

Rectangle

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



4291741233



4281851006



4285186559



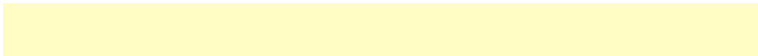
4294939647

Sweetspot

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



4291741233



4294966468



4291703099



4286611036



4278190080



4286611584

Same Dimension

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



4291741233



4294963991



4287286833



4284900700



4289109248



4280689664

Inverse Universe

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



4281416142



4279706623



4285870542



4284243046



4278192294



4278190630

Previews

White Background



This preview shows how the Android color 4291741233 looks on a white background.

Color Contrast Check

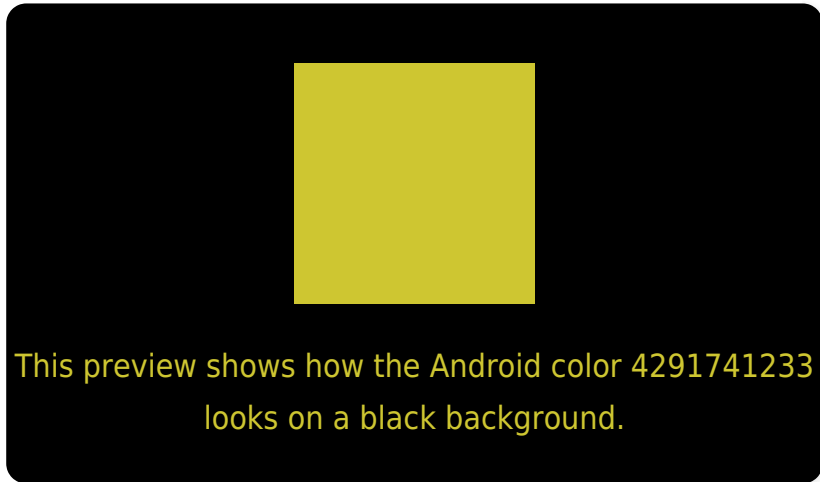
Large Text (above 18pt) WCAG AA × Fail

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 4291741233 Background



This preview shows how black text looks on a background with the Android color 4291741233.



This preview shows how white text looks on a background with the Android color 4291741233.

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
4291741233

Protanopia
4292526640

Deuteranopia
4294162487



Tritanopia
4292524487

Trichromacy



Original Color
4291741233

Protanomaly
4292264752

Deuteranomaly
4293311797

Tritanomaly
4292263568

Monochromacy



Original Color
4291741233

Achromatopsia
4290230199

Achromatomaly
4290755718

CSS Examples

Text

The CSS property to change the color of the text to Android 4291741233 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(206, 198, 49)` looks like.

```
.text, #text, p{  
    color:rgb(206, 198, 49)  
}
```

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(206, 198, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 198, 49) }
```

Border

The CSS property to change the border of an element to Android 4291741233 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(206, 198, 49) }
```

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

```
.border{ border-color:rgb(206, 198, 49) }
```

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

Here you see how a box with a 4 pixel rgb(206, 198, 49) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 198, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 198, 49);  
box-shadow:4px 4px 4px 4px rgb(206, 198,  
49) }
```

Background

The CSS property to change the background color of an element to Android 4291741233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 198, 49) }
```

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

```
.background{ background-color: rgb(206,  
198, 49) }
```

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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