

# Converting Colors

Android(4291024200)

Have a look what the booklet for  
Android(4291024200) contains.

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# **Color**

**Android(4291024200)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C3D548
RGB	195, 213, 72
RGB Percent	76%, 84%, 28%
CMY	0.2353, 0.1647, 0.7176
CMYK	0.08, 0.00, 0.66, 0.16
HSL	68°, 63%, 56%
HSV	68°, 66%, 84%
XYZ	47.4696, 59.6585, 15.1442
YIQ	191.5440, 34.5330, -47.6670

# Conversions

## Conversions Part 2

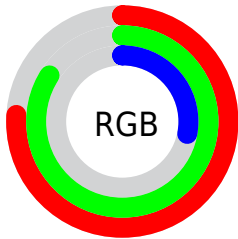
Format	Color
<a href="#">RYB</a>	<a href="#">72, 213, 90</a>
Decimal	<a href="#">12834120</a>
CIELab	<a href="#">81.65, -24.21, 64.74</a>
CIElCh	<a href="#">82, 69.122, 110.506</a>
Yxy	<a href="#">59.6585, 0.3882, 0.4879</a>
Android (android.graphics.Color)	<a href="#">4291024200 (0xFFC3D548)</a>
YUV	<a href="#">191.5440, -58.9352, 3.0309</a>
Hunter-Lab	<a href="#">77.2389, -25.4652, 42.4423</a>

# Details

The Android color `4291024200` 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 `4284106965`, and the grayscale version is `4290822336`.

A 20% lighter version of the original color is `4294901631`, and `4287274496` is the 20% darker color. If you saturate the color by 10%, you get `4290827571`, and if you desaturate by 10%, it is `4291220829`.

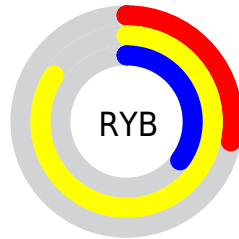
# Distribution



Red (76%)

Green (84%)

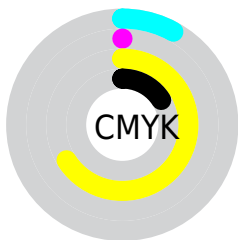
Blue (28%)



Red (28%)

Yellow (84%)

Blue (35%)

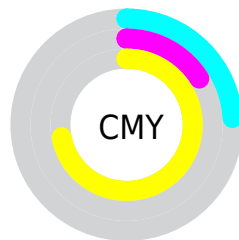


Cyan (8%)

Magenta (0%)

Yellow (66%)

Black (16%)



Cyan (24%)

Magenta (16%)

Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291024200 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 4291024200 by changing the saturation by 10% instead.





4291024200



4291024200

4294967295



4289116458



4294901631



4287274496



4294967195



4285432832



4294967224



4283656960



4294967252



4281881344



4294967282



4280105984



4278199808



4278192896



4278190080

4291024200

4291024200

4290827571

4291220829

4290696477

4291351923

4290499848

4291548552

4290434304

4291745181

4291941811

4292072904

4292269533

4292466162

4292597247

# Harmonies

## Analogous

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



4294950980



4291024200



4285850229

# Triad

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



4291024200



4278248959



4294939618

# Complementary

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



4291024200



4284106965

# 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.



4294944767



4291024200



4278245631

# Square

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



4291024200



4278250230



4289315583



4294939553

# Rectangle

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



4291024200



4278249629



4289315583



4294940920

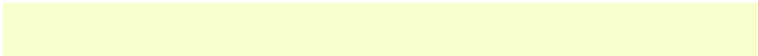


# Sweetspot

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



4291024200



4294508492



4292171848



4286349409



4278190080



4286611584



# Same Dimension

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



4291024200



4293263158



4286502216



4285164384



4287998720



4280691456



# Inverse Universe

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



4284106965



4283381503



4288628949



4284637291



4279632043



4278583339



# Previews

## White Background



This preview shows how the Android color 4291024200 looks on a white background.

## Color Contrast Check

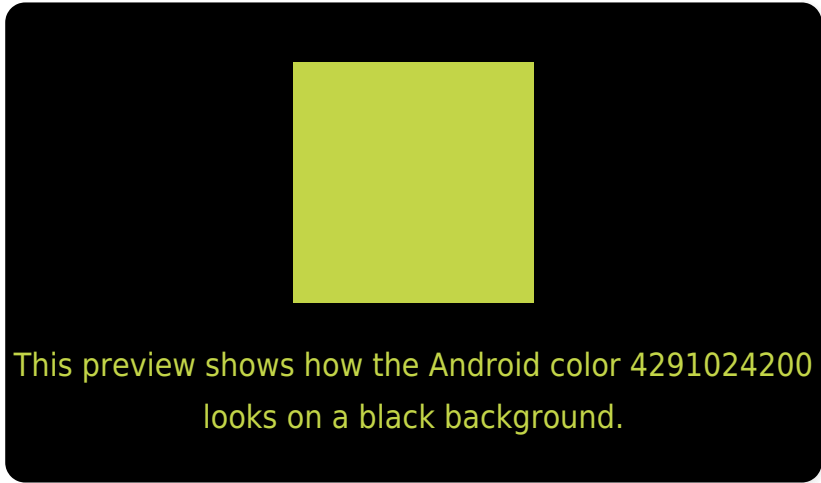
Large Text (above 18pt) WCAG AA × Fail

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 4291024200 Background



This preview shows how black text looks on a background with the Android color 4291024200.




This preview shows how white text looks on a background with the Android color 4291024200.

# 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





**Tritanopia**  
4291938263

# Trichromacy



**Original Color**  
4291024200

**Protanomaly**  
4292333382

**Deuteranomaly**  
4293380172

**Tritanomaly**  
4291611811

# Monochromacy



**Original Color**  
4291024200

**Achromatopsia**  
4290822336

**Achromatomaly**  
4290889876

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291024200 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(195, 213, 72)` looks like.

```
.text, #text, p{  
    color:rgb(195, 213, 72)  
}
```

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(195, 213, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 213, 72) }
```

## Border

The CSS property to change the border of an element to Android 4291024200 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(195, 213, 72) }
```

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

```
.border{ border-color:rgb(195, 213, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 213, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 213, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 213, 72);  
box-shadow:4px 4px 4px 4px rgb(195, 213,  
72) }
```

# Background

The CSS property to change the background color of an element to Android 4291024200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 213, 72) }
```

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

```
.background{ background-color: rgb(195,  
213, 72) }
```

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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