

# Converting Colors

Android(4291353939)

Have a look what the booklet for  
Android(4291353939) contains.

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# **Color**

**Android(4291353939)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C8DD53
RGB	200, 221, 83
RGB Percent	78%, 87%, 33%
CMY	0.2157, 0.1333, 0.6745
CMYK	0.10, 0.00, 0.62, 0.13
HSL	69°, 67%, 60%
HSV	69°, 62%, 87%
XYZ	51.2372, 64.6168, 17.9554
YIQ	198.9890, 31.7820, -47.3700

# Conversions

## Conversions Part 2

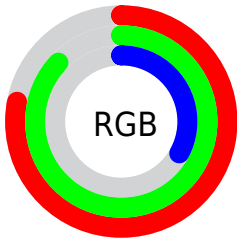
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	83, 221, 104
Decimal	13163859
CIE Lab	84.29, -25.34, 63.23
CIE LCh	84, 68.119, 111.836
Yxy	64.6168, 0.3829, 0.4829
Android (android.graphics.Color)	4291353939 (0xFFC8DD53)
YUV	198.9890, -57.1826, 0.8866
Hunter-Lab	80.3846, -26.8969, 43.0257

# Details

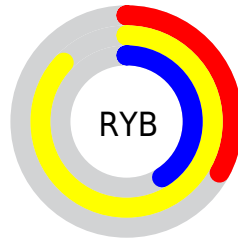
The Android color **4291353939** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **4285027293**, and the grayscale version is **4291348680**.

A 20% lighter version of the original color is **4294967178**, and **4287604245** is the 20% darker color. If you saturate the color by 10%, you get **4291157309**, and if you desaturate by 10%, it is **4291550569**.

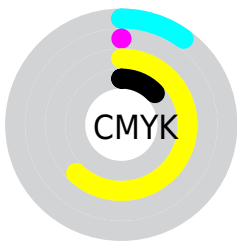
# Distribution



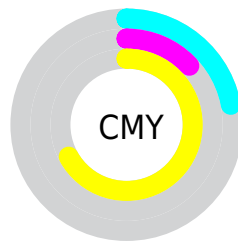
- Red (78%)
- Green (87%)
- Blue (33%)



- Red (33%)
- Yellow (87%)
- Blue (41%)



- Cyan (10%)
- Magenta (0%)
- Yellow (62%)
- Black (13%)



- Cyan (22%)
- Magenta (13%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291353939 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 4291353939 by changing the saturation by 10% instead.





4291353939



4291353939

4294967295



4289446199



4294967178



4287604245



4294967206



4285762560



4294967234



4283986432



4294967263



4282276352

4294967293



4280435200



4278463488



4278196224



4278190080

■ 4291353939

■ 4291353939

■ 4291157309

■ 4291550569

■ 4290895143

■ 4291812735

■ 4290698513

■ 4292009365

■ 4290501888

■ 4292205995

■ 4292468162

■ 4292664792

■ 4292926958

■ 4293123583

■ 4293320191

# Harmonies

## Analogous

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



4294953293



4291353939



4286245503

# Triad

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



4291353939



4278250751



4294941671

# Complementary

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



4291353939



4285027293

# 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.



4294946559



4291353939



4278247423

# Square

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



4291353939



4278252287



4290234623



4294941862

# Rectangle

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



4291353939



4278251432



4290234623



4294942716

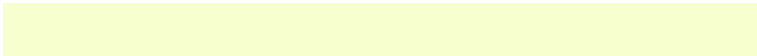


# Sweetspot

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



4291353939



4294508495



4292700243



4286283874



4278190080



4286611584



# Same Dimension

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



4291353939



4293066560



4286831955



4285296227



4287868160



4280757760



# Inverse Universe

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



4285027293



4284301567



4289549277



4284769134



4279894189



4278648878



# Previews

## White Background



This preview shows how the Android color 4291353939 looks on a white background.

## Color Contrast Check

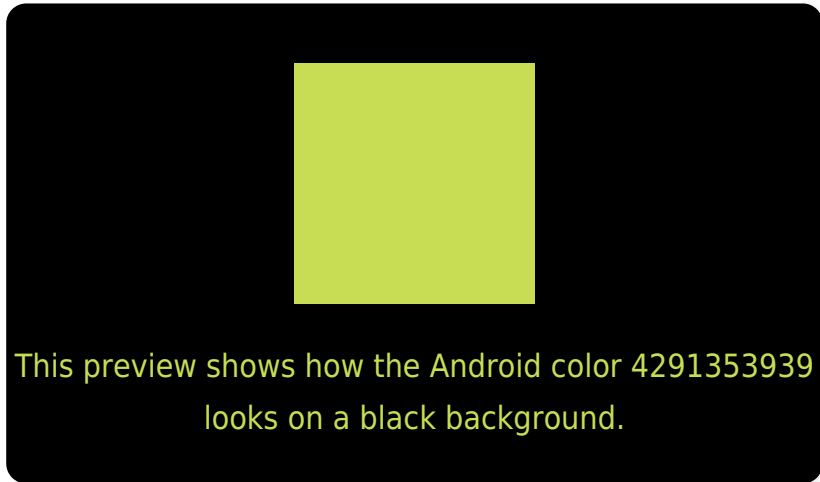
Large Text (above 18pt) WCAG AA × Fail

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 4291353939 Background



This preview shows how black text looks on a background with the Android color 4291353939.



This preview shows how white text looks on a background with the Android color 4291353939.

# 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



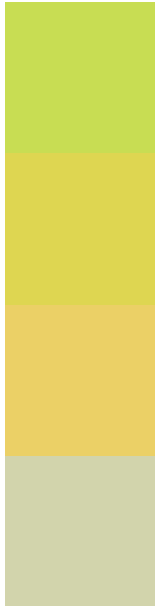
**Original Color**  
4291353939

**Protanopia**  
4293579344

**Deuteranopia**  
4294953329



# Trichromacy



**Original Color**  
4291353939

**Protanomaly**  
4292793937

**Deuteranomaly**  
4293644390

**Tritanomaly**  
4292007084

# Monochromacy



**Original Color**  
4291353939

**Achromatopsia**  
4291282887

**Achromatomaly**  
4291284893

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291353939 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(200, 221, 83)` looks like.

```
.text, #text, p{  
    color:rgb(200, 221, 83)  
}
```

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(200, 221, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 221, 83) }
```

## Border

The CSS property to change the border of an element to Android 4291353939 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(200, 221, 83) }
```

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

```
.border{ border-color:rgb(200, 221, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 221, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 221, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 221, 83);  
box-shadow:4px 4px 4px 4px rgb(200, 221,  
83) }
```

# Background

The CSS property to change the background color of an element to Android 4291353939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 221, 83) }
```

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

```
.background{ background-color: rgb(200,  
221, 83) }
```

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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