

# Converting Colors

Android(4290633351)

Have a look what the booklet for  
Android(4290633351) contains.

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# **Color**

**Android(4290633351)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BDDE87
RGB	189, 222, 135
RGB Percent	74%, 87%, 53%
CMY	0.2588, 0.1294, 0.4706
CMYK	0.15, 0.00, 0.39, 0.13
HSL	83°, 57%, 70%
HSV	83°, 39%, 87%
XYZ	51.4807, 64.8106, 32.7181
YIQ	202.2150, 8.2590, -34.0530

# Conversions

## Conversions Part 2

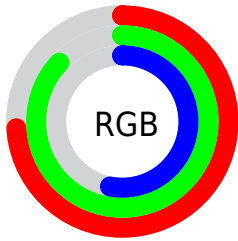
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">135, 222, 168</a>
Decimal	<a href="#">12443271</a>
CIELab	<a href="#">84.39, -25.13, 39.12</a>
CIELCh	<a href="#">84, 46.494, 122.711</a>
Yxy	<a href="#">64.8106, 0.3455, 0.4349</a>
Android (android.graphics.Color)	<a href="#">4290633351 (0xFFBDDE87)</a>
YUV	<a href="#">202.2150, -33.1370, -11.5896</a>
Hunter-Lab	<a href="#">80.5051, -26.7381, 32.2575</a>

# Details

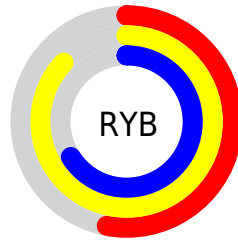
The Android color `4290633351` is a light color, and the websafe version is hex `99CC66`. A complement of this color would be `4289234910`, and the grayscale version is `4291546059`.

A 20% lighter version of the original color is `4294377405`, and `4287014740` is the 20% darker color. If you saturate the color by 10%, you get `4290109041`, and if you desaturate by 10%, it is `4291157661`.

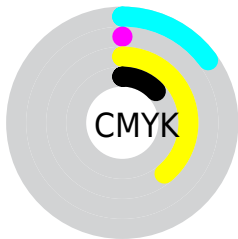
# Distribution



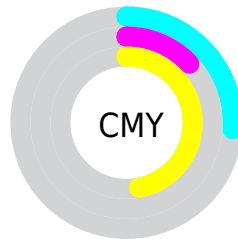
- Red (74%)
- Green (87%)
- Blue (53%)



- Red (53%)
- Yellow (87%)
- Blue (66%)



- Cyan (15%)
- Magenta (0%)
- Yellow (39%)
- Black (13%)



- Cyan (26%)
- Magenta (13%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4290633351 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 4290633351 by changing the saturation by 10% instead.





4290633351



4290633351

4294967295



4288791149



4294377405



4287014740



4294967257



4285303867



4294967286



4283593506



4281948678



4280369664



4278529024



4278196224



4278190080

■ 4290633351

■ 4290633351

■ 4290109041

■ 4291157661

■ 4289519195

■ 4291747507

■ 4288994884

■ 4292271818

■ 4288405038

■ 4292861664

■ 4287880728

■ 4293385974

■ 4287290882

■ 4293975807

■ 4287290880

■ 4294500095

■ 4294958847

# Harmonies

## Analogous

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



4293644666



4290633351



4287096489

# Triad

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



4290633351



4282376959



4294947024

# Complementary

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



4290633351



4289234910

# Split Complementary

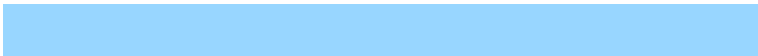
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4294948860



4290633351



4288206591

# Square

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



4290633351



4278249727



4292724479



4294948261

# Rectangle

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



4290633351



4284344774



4292724479



4294947295



# Sweetspot

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



4290633351



4294180832



4292781959



4286152814



4278190080



4286611584

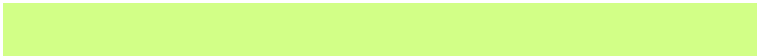


# Same Dimension

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



4290633351



4292018055



4287880839



4285296741



4285378560



4280168448



# Inverse Universe

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



4289234910



4290086911



4291987422



4285097328



4282581168



4279369776



# Previews

## White Background



This preview shows how the Android color 4290633351 looks on a white background.

## Color Contrast Check

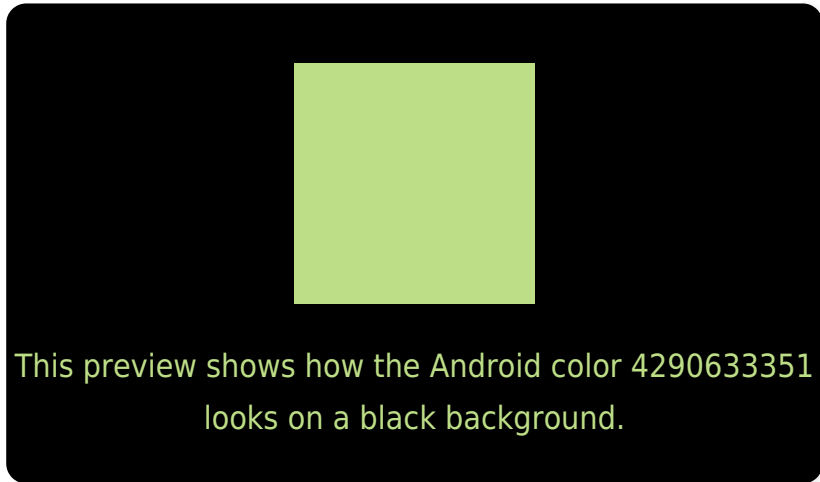
Large Text (above 18pt) WCAG AA × Fail

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 4290633351 Background



This preview shows how black text looks on a background with the Android color 4290633351.

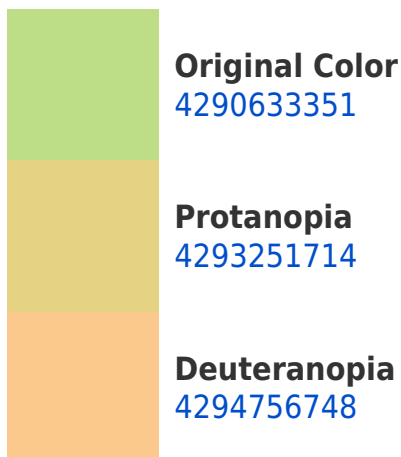


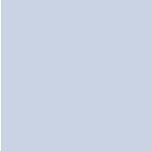
This preview shows how white text looks on a background with the Android color 4290633351.

# 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**  
4291482596

# Trichromacy



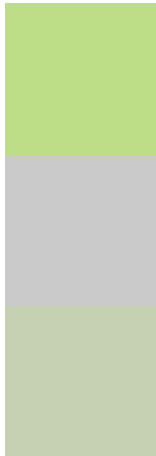
**Original Color**  
4290633351

**Protanomaly**  
4292269700

**Deuteranomaly**  
4293251466

**Tritanomaly**  
4291155906

# Monochromacy



**Original Color**  
4290633351

**Achromatopsia**  
4291480266

**Achromatomaly**  
4291154354

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4290633351 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(189, 222, 135)` looks like.

```
.text, #text, p{  
    color:rgb(189, 222, 135)  
}
```

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(189, 222, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 222, 135) }
```

## Border

The CSS property to change the border of an element to Android 4290633351 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(189, 222, 135) }
```

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

```
.border{ border-color:rgb(189, 222, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 222, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(189, 222, 135); -webkit-box-shadow:4px 4px 4px 4px rgb(189, 222, 135); box-shadow:4px 4px 4px 4px rgb(189, 222, 135) }
```

# Background

The CSS property to change the background color of an element to Android 4290633351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 222, 135) }
```

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

```
.background{ background-color: rgb(189,  
222, 135) }
```

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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