

Converting Colors

Android(4287151451)

Have a look what the booklet for
Android(4287151451) contains.

Android(4287151451)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4287151451)

Conversions

Conversions Part 1

Format	Color
Hex	88BD5B
RGB	136, 189, 91
RGB Percent	53%, 74%, 36%
CMY	0.4667, 0.2588, 0.6431
CMYK	0.28, 0.00, 0.52, 0.26
HSL	92°, 43%, 55%
HSV	92°, 52%, 74%
XYZ	30.2393, 42.3848, 16.4848
YIQ	161.9810, -0.1300, -41.7140

Conversions

Conversions Part 2

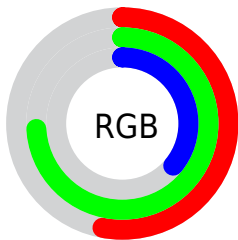
Format	Color
RYB	91, 189, 144
Decimal	8961371
CIELab	71.14, -34.25, 43.64
CIELCh	71, 55.473, 128.126
Yxy	42.3848, 0.3394, 0.4757
Android (android.graphics.Color)	4287151451 (0xFF88BD5B)
YUV	161.9810, -34.9936, -22.7853
Hunter-Lab	65.1036, -31.0217, 30.5597

Details

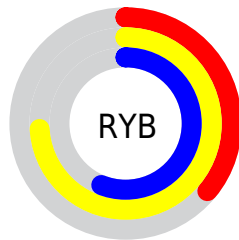
The Android color **4287151451** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **4287650749**, and the grayscale version is **4288848546**.

A 20% lighter version of the original color is **4290836111**, and **4283664168** is the 20% darker color. If you saturate the color by 10%, you get **4286496072**, and if you desaturate by 10%, it is **4287806830**.

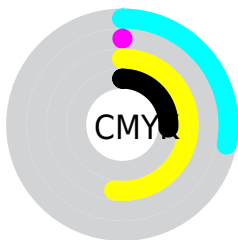
Distribution



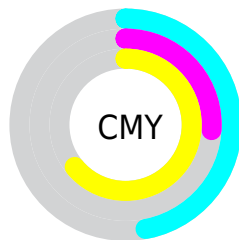
- Red (53%)
- Green (74%)
- Blue (36%)



- Red (36%)
- Yellow (74%)
- Blue (56%)



- Cyan (28%)
- Magenta (0%)
- Yellow (52%)
- Black (26%)



- Cyan (47%)
- Magenta (26%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Android color 4287151451 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 4287151451 by changing the saturation by 10% instead.



4287151451



4287151451

4294967295



4285375042



4290836111



4283664168



4292673451



4281888267



4294574022



4280112384



4294967267



4278205696



4278200320



4278192128



4278190080



4287151451



4287151451

 4286496072

 4287806830

 4285840693

 4288462209

 4285119778

 4289183124


 4284464399

 4289838503

 4283940096

 4290493882

 4291149260

 4291870175

 4292525554

 4293180927

Harmonies

Analogous

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



4290687045



4287151451



4281910663

Triad

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



4287151451



4278238975



4294935202

Complementary

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



4287151451



4287650749

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.



4294412757



4287151451



4285378559

Square

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



4287151451



4278240747



4291075070



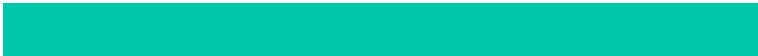
4294937714

Rectangle

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



4287151451



4278241193



4291075070



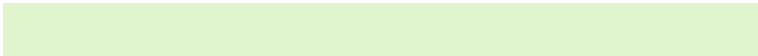
4294935219

Sweetspot

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



4287151451



4292933070



4290613083



4285430371



4294638330



4286216826

Same Dimension

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



4287151451



4288935261



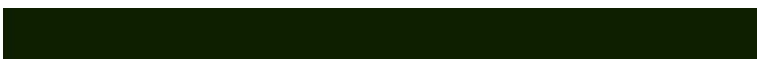
4284202334



4284046933



4283014656



4279115520

Inverse Universe

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



4287650749



4289682933



4290599866



4284110174



4283826334



4279304223

Previews

White Background



This preview shows how the Android color 4287151451 looks on a white background.

Color Contrast Check

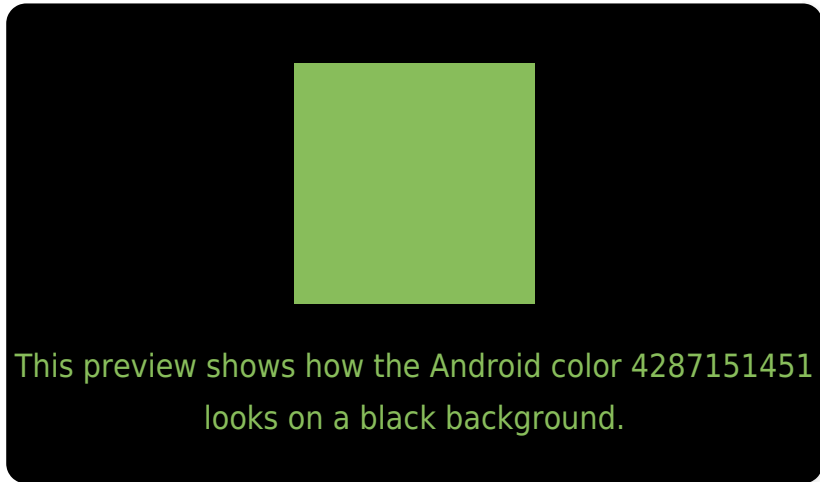
Large Text (above 18pt) WCAG AA × Fail

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 4287151451 Background



This preview shows how black text looks on a background with the Android color 4287151451.



This preview shows how white text looks on a background with the Android color 4287151451.

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



Trichromacy



Original Color
4287151451

Protanomaly
4289508184

Deuteranomaly
4290293343

Tritanomaly
4287805083

Monochromacy



Original Color
4287151451

Achromatopsia
4288848546

Achromatomaly
4288261256

CSS Examples

Text

The CSS property to change the color of the text to Android 4287151451 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(136, 189, 91)` looks like.

```
.text, #text, p{  
    color:rgb(136, 189, 91)  
}
```

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(136, 189, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 189, 91) }
```

Border

The CSS property to change the border of an element to Android 4287151451 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(136, 189, 91) }
```

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

```
.border{ border-color:rgb(136, 189, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 189, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 189, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 189, 91);  
box-shadow:4px 4px 4px 4px rgb(136, 189,  
91) }
```

Background

The CSS property to change the background color of an element to Android 4287151451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 189, 91) }
```

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

```
.background{ background-color: rgb(136,  
189, 91) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor