

# Converting Colors

Android(4280070215)

Have a look what the booklet for  
Android(4280070215) contains.

<b>Android(4280070215)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Android(4280070215)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1CB047
RGB	28, 176, 71
RGB Percent	11%, 69%, 28%
CMY	0.8902, 0.3098, 0.7216
CMYK	0.84, 0.00, 0.60, 0.31
HSL	137°, 73%, 40%
HSV	137°, 84%, 69%
XYZ	17.1416, 31.7525, 11.1866
YIQ	119.7780, -54.5030, -64.0310

# Conversions

## Conversions Part 2

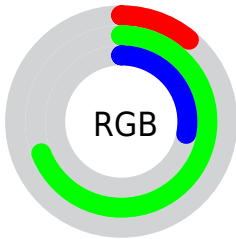
Format	Color
<a href="#">RYB</a>	28, 143, 176
Decimal	1880135
CIELab	63.14, -58.62, 42.77
CIELCh	63, 72.564, 143.883
Yxy	31.7525, 0.2853, 0.5285
Android (android.graphics.Color)	4280070215 (0xFF1CB047)
YUV	119.7780, -24.0476, -80.4893
Hunter-Lab	56.3493, -44.3114, 27.6741

# Details

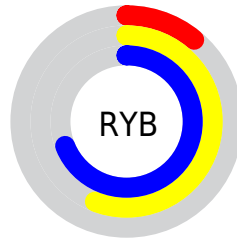
The Android color **4280070215** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **4289731717**, and the grayscale version is **4286085240**.

A 20% lighter version of the original color is **4284934523**, and **4278221330** is the 20% darker color. If you saturate the color by 10%, you get **4278890555**, and if you desaturate by 10%, it is **4281249875**.

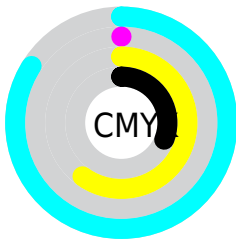
# Distribution



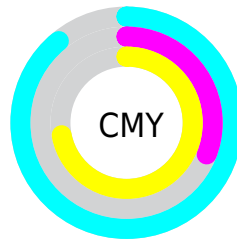
- Red (11%)
- Green (69%)
- Blue (28%)



- Red (11%)
- Yellow (56%)
- Blue (69%)



- Cyan (84%)
- Magenta (0%)
- Yellow (60%)
- Black (31%)



- Cyan (89%)
- Magenta (31%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280070215 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 4280070215 by changing the saturation by 10% instead.





4280070215



4280070215

4294967295



4278228270



4284934523



4278221330



4286906261



4278214656



4288872369



4278208256



4290838477



4278202368



4292804585



4278194944

4294836223



4278190080



4280070215



4280070215



4278890555



4281249875

■ 4278235187

■ 4282364000

■ 4283543660

■ 4284657785

■ 4285837445

■ 4287017106

■ 4288131230

■ 4289310891

■ 4290425015

# Harmonies

## Analogous

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



4286948608



4280070215



4278236553

# Triad

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



4280070215



4278232575



4294925161

# Complementary

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



4280070215



4289731717

# 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.



4294923945



4280070215



4286287359

# Square

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



4280070215



4278235647



4292440038



4293948974

# Rectangle

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



4280070215



4278236854



4292440038



4294923646



# Sweetspot

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



4280070215



4289521341



4287016988



4283462490



4294111986



4285756275



# Same Dimension

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



4280070215



4278249027



4280070288



4283455827



4278229292



4278196743



# Inverse Universe

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



4289731717



4293263523



4289731644



4284043351



4288217197



4279894034



# Previews

## White Background



This preview shows how the Android color 4280070215 looks on a white background.

## Color Contrast Check

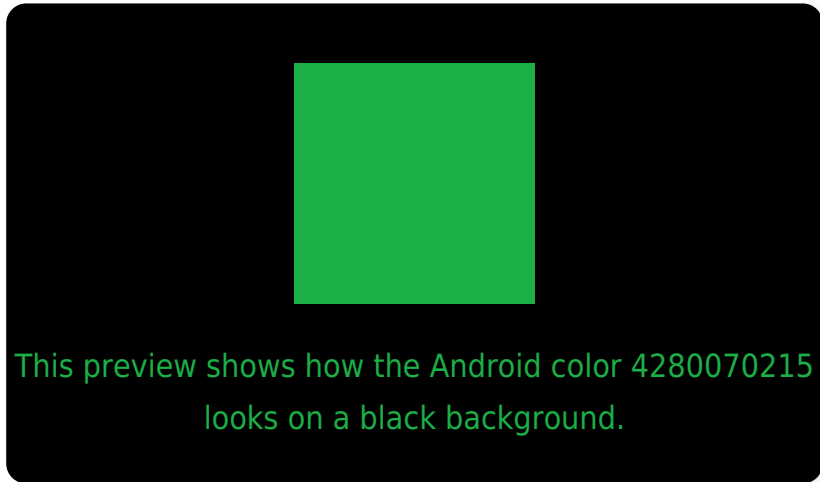
Large Text (above 18pt) WCAG AA × Fail

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 4280070215 Background



This preview shows how black text looks on a background with the Android color 4280070215.

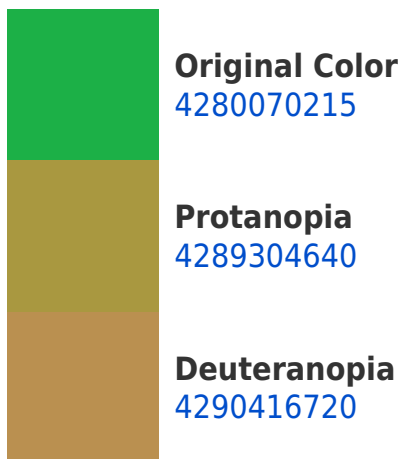


This preview shows how white text looks on a background with the Android color 4280070215.

# 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**

4280070215



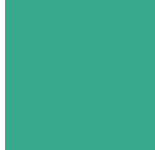
**Protanomaly**

4285964611



**Deuteranomaly**

4286684237



**Tritanomaly**

4281969035

# Monochromacy



**Original Color**

4280070215



**Achromatopsia**

4286085240



**Achromatomaly**

4283927654

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280070215 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(28, 176, 71)` looks like.

```
.text, #text, p{  
    color:rgb(28, 176, 71)  
}
```

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(28, 176, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 176, 71) }
```

## Border

The CSS property to change the border of an element to Android 4280070215 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(28, 176, 71) }
```

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

```
.border{ border-color:rgb(28, 176, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 176, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 176, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 176, 71);  
box-shadow:4px 4px 4px 4px rgb(28, 176,  
71) }
```

# Background

The CSS property to change the background color of an element to Android 4280070215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 176, 71) }
```

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

```
.background{ background-color: rgb(28, 176,  
71) }
```

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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