

# Converting Colors

Android(4280128331)

Have a look what the booklet for  
Android(4280128331) contains.

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# Color

**Android(4280128331)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 1D934B                       |
| RGB         | 29, 147, 75                  |
| RGB Percent | 11%, 58%, 29%                |
| CMY         | 0.8863, 0.4235, 0.7059       |
| CMYK        | 0.80, 0.00, 0.49, 0.42       |
| HSL         | 143°, 67%, 35%               |
| HSV         | 143°, 80%, 58%               |
| XYZ         | 12.2104, 21.6366, 10.1893    |
| YIQ         | 103.5100, -47.2160, -47.4080 |

# Conversions

## Conversions Part 2

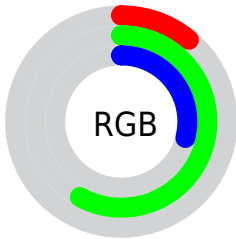
| <b>Format</b>                       | <b>Color</b>                    |
|-------------------------------------|---------------------------------|
| <b>R<sub>YB</sub></b>               | 29, 114, 147                    |
| Decimal                             | 1938251                         |
| CIE Lab                             | 53.64, -47.88, 29.27            |
| CIE LCh                             | 54, 56.115, 148.564             |
| Yxy                                 | 21.6366, 0.2773,<br>0.4913      |
| Android<br>(android.graphics.Color) | 4280128331<br>(0xFF1D934B)      |
| YUV                                 | 103.5100, -14.0554,<br>-65.3453 |
| Hunter-Lab                          | 46.5152, -34.5447,<br>19.5729   |

# Details

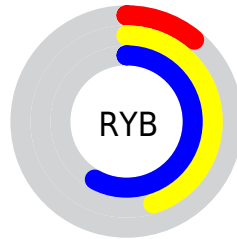
The Android color `4280128331` is a dark color, and the websafe version is hex `009966`. A complement of this color would be `4287831397`, and the grayscale version is `4285032552`.

A 20% lighter version of the original color is `4284402301`, and `4278214428` is the 20% darker color. If you saturate the color by 10%, you get `4279145282`, and if you desaturate by 10%, it is `4281111380`.

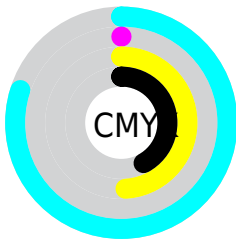
# Distribution



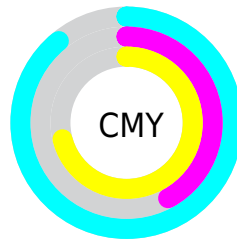
- Red (11%)
- Green (58%)
- Blue (29%)



- Red (11%)
- Yellow (45%)
- Blue (58%)



- Cyan (80%)
- Magenta (0%)
- Yellow (49%)
- Black (42%)



- Cyan (89%)
- Magenta (42%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280128331 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 4280128331 by changing the saturation by 10% instead.





4280128331



4280128331

4294967295



4278221107



4284402301



4278214428



4286310295



4278208004



4288217010



4278202112



4290117582



4278195456



4292018154



4278190080



4293918719



4280128331



4280128331



4279145282



4281111380

■ 4278227769

■ 4282028893

■ 4283011942

■ 4283994991

■ 4284912504

■ 4285895553

■ 4286878602

■ 4287861651

■ 4288779164

# Harmonies

## Analogous

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



4285238049



4280128331



4278228860

# Triad

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



4280128331



4278224609



4292171605

# Complementary

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



4280128331



4287831397

# 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.



4292104581



4280128331



4286280918

# Square

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



4280128331



4278227666



4290273203



4290734636

# Rectangle

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



4280128331



4278228894



4290273203



4292301668



# Sweetspot

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



4280128331



4287741859



4284912413



4282736976



4292927712



4284572001



# Same Dimension

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



4280128331



4278763343



4280128389



4282600005



4278225462



4278192644



# Inverse Universe

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



4287831397



4290709624



4287831339



4283056967



4287234132



4278845446



# Previews

## White Background



This preview shows how the Android color 4280128331 looks on a white background.

## Color Contrast Check

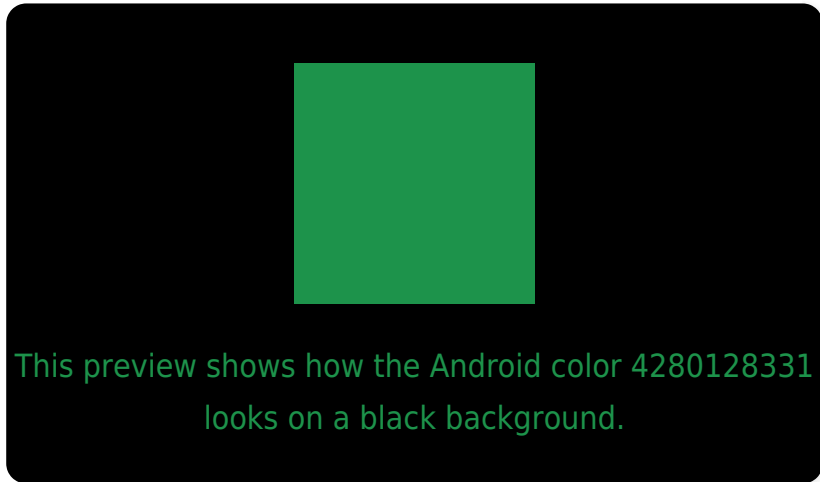
Large Text (above 18pt) WCAG AA ✓ Pass

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

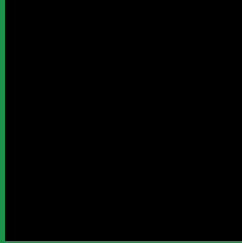
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4280128331 Background



This preview shows how black text looks on a background with the Android color 4280128331.



This preview shows how white text looks on a background with the Android color 4280128331.

# 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**  
4280128331

**Protanopia**  
4287397700

**Deuteranopia**  
4288248401



# Trichromacy



**Original Color**  
4280128331



**Protanomaly**  
4284778055



**Deuteranomaly**  
4285301583



**Tritanomaly**  
4281503355

# Monochromacy



**Original Color**  
4280128331



**Achromatopsia**  
4285032552



**Achromatomaly**  
4283267165

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280128331 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(29, 147, 75)` looks like.

```
.text, #text, p{  
    color:rgb(29, 147, 75)  
}
```

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(29, 147, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 147, 75) }
```

## Border

The CSS property to change the border of an element to Android 4280128331 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(29, 147, 75) }
```

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

```
.border{ border-color:rgb(29, 147, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 147, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 147, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 147, 75);  
box-shadow:4px 4px 4px 4px rgb(29, 147,  
75) }
```

# Background

The CSS property to change the background color of an element to Android 4280128331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 147, 75) }
```

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

```
.background{ background-color: rgb(29, 147,  
75) }
```

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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