

# Converting Colors

Android(4282237271)

Have a look what the booklet for  
Android(4282237271) contains.

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# **Color**

**Android(4282237271)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 3DC157                       |
| RGB         | 61, 193, 87                  |
| RGB Percent | 24%, 76%, 34%                |
| CMY         | 0.7608, 0.2431, 0.6588       |
| CMYK        | 0.68, 0.00, 0.55, 0.24       |
| HSL         | 132°, 52%, 50%               |
| HSV         | 132°, 68%, 76%               |
| XYZ         | 22.7147, 39.8201, 15.5057    |
| YIQ         | 141.4480, -44.6460, -60.9500 |

# Conversions

## Conversions Part 2

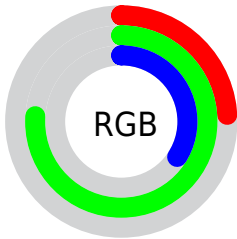
| <b>Format</b>                       | <b>Color</b>                    |
|-------------------------------------|---------------------------------|
| <b>RYB</b>                          | 61, 171, 193                    |
| Decimal                             | 4047191                         |
| CIELab                              | 69.34, -57.57, 42.70            |
| CIElCh                              | 69, 71.673, 143.435             |
| Yxy                                 | 39.8201, 0.2911,<br>0.5102      |
| Android<br>(android.graphics.Color) | 4282237271<br>(0xFF3DC157)      |
| YUV                                 | 141.4480, -26.8429,<br>-70.5529 |
| Hunter-Lab                          | 63.1032, -46.1775,<br>29.6035   |

# Details

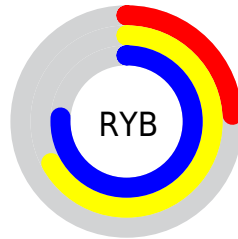
The Android color `4282237271` is a dark color, and the websafe version is hex `33CC66`. The color can be described as dark muted green. A complement of this color would be `4290854311`, and the grayscale version is `4287532686`.

A 20% lighter version of the original color is `4286380939`, and `4278225444` is the 20% darker color. If you saturate the color by 10%, you get `4280992072`, and if you desaturate by 10%, it is `4283482470`.

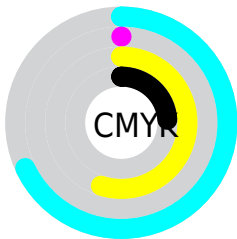
# Distribution



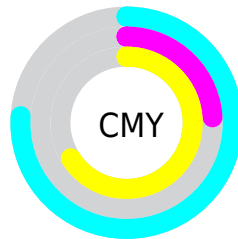
- Red (24%)
- Green (76%)
- Blue (34%)



- Red (24%)
- Yellow (67%)
- Blue (76%)



- Cyan (68%)
- Magenta (0%)
- Yellow (55%)
- Black (24%)



- Cyan (76%)
- Magenta (24%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282237271 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 4282237271 by changing the saturation by 10% instead.





4282237271



4282237271

4294967295



4279018814



4286380939



4278225444



4288348070



4278218757



4290314178



4278212096



4292280287



4278205696



4294246396



4278199808



4278190080



4282237271



4282237271



4280992072



4283482470

■ 4279681336

■ 4284793206

■ 4278436137

■ 4286038405

■ 4278239526

■ 4287283605

■ 4288594340

■ 4289839540

■ 4291084739

■ 4292329939

■ 4293640674

# Harmonies

## Analogous

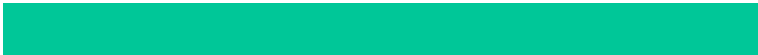
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4288197918



4282237271



4278241176

# Triad

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



4282237271



4278236671



4294930042

# Complementary

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



4282237271



4290854311

# 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.



4294929082



4282237271



4287471359

# Square

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



4282237271



4278239999



4293558776



4294936384

# Rectangle

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



4282237271



4278241478



4293558776



4294928783

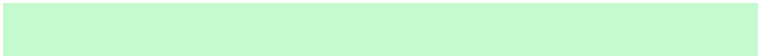


# Sweetspot

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



4282237271



4291164880



4289315133



4284382564



4294769916



4286414205



# Same Dimension

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



4282237271



4281203285



4282237335



4283916633



4278231328



4278198535



# Inverse Universe

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



4290854311



4294585810



4290854247



4284569439



4288741505



4280352795



# Previews

## White Background



This preview shows how the Android color 4282237271 looks on a white background.

## Color Contrast Check

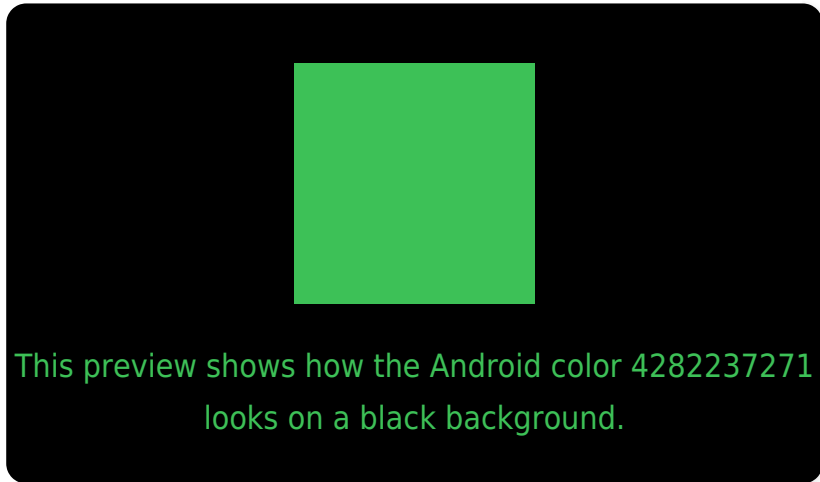
Large Text (above 18pt) WCAG AA × Fail

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

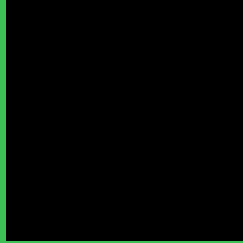
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4282237271 Background



This preview shows how black text looks on a background with the Android color 4282237271.



This preview shows how white text looks on a background with the Android color 4282237271.

# 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**

4282237271



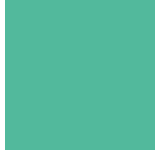
**Protanomaly**

4287476050



**Deuteranomaly**

4288261213



**Tritanomaly**

4283611548

# Monochromacy



**Original Color**

4282237271



**Achromatopsia**

4287466893



**Achromatomaly**

4285571193

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282237271 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(61, 193, 87)` looks like.

```
.text, #text, p{  
    color:rgb(61, 193, 87)  
}
```

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(61, 193, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 193, 87) }
```

## Border

The CSS property to change the border of an element to Android 4282237271 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(61, 193, 87) }
```

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

```
.border{ border-color:rgb(61, 193, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 193, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 193, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 193, 87);  
box-shadow:4px 4px 4px 4px rgb(61, 193,  
87) }
```

# Background

The CSS property to change the background color of an element to Android 4282237271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 193, 87) }
```

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

```
.background{ background-color: rgb(61, 193,  
87) }
```

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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