

# Converting Colors

Android(4280474982)

Have a look what the booklet for  
Android(4280474982) contains.

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# **Color**

**Android(4280474982)**

# Conversions

## Conversions Part 1

Format	Color
Hex	22DD66
RGB	34, 221, 102
RGB Percent	13%, 87%, 40%
CMY	0.8667, 0.1333, 0.6000
CMYK	0.85, 0.00, 0.54, 0.13
HSL	142°, 73%, 50%
HSV	142°, 85%, 87%
XYZ	28.9144, 53.0123, 21.2788
YIQ	151.5210, -73.2530, -76.6530

# Conversions

## Conversions Part 2

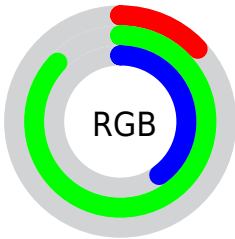
<b>Format</b>	<b>Color</b>
<b>RYB</b>	34, 171, 221
Decimal	2284902
CIELab	77.88, -68.39, 45.80
CIELCh	78, 82.311, 146.188
Yxy	53.0123, 0.2802, 0.5137
Android (android.graphics.Color)	4280474982 (0xFF22DD66)
YUV	151.5210, -24.4139, -103.0659
Hunter-Lab	72.8095, -56.5301, 33.6390

# Details

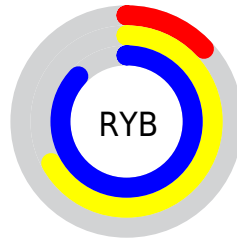
The Android color `4280474982` is a dark color, and the websafe version is hex `00CC66`. The color can be described as dark washed spring green. A complement of this color would be `4292682393`, and the grayscale version is `4288190616`.

A 20% lighter version of the original color is `4285792155`, and `4278232114` is the 20% darker color. If you saturate the color by 10%, you get `4279033176`, and if you desaturate by 10%, it is `4281916788`.

# Distribution



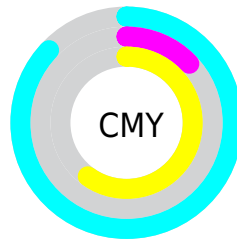
- Red (13%)
- Green (87%)
- Blue (40%)



- Red (13%)
- Yellow (67%)
- Blue (87%)



- Cyan (85%)
- Magenta (0%)
- Yellow (54%)
- Black (13%)



- Cyan (87%)
- Magenta (13%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280474982 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 4280474982 by changing the saturation by 10% instead.



 4280474982

 4280474982

4294967295

 4278239308

 4285792155

 4278232114

 4287954871

 4278225174

 4289986515

 4278218240

 4292018160

 4278211584

 4294049791

 4278205440

 4278198784

 4278190080

 4280474982

 4280474982

■ 4279033176

■ 4281916788

■ 4278246736

■ 4283358594

■ 4284800400

■ 4286242206

■ 4287749548

■ 4289191354

■ 4290633160

■ 4292074967

■ 4293516773

# Harmonies

## Analogous

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



4288991259



4280474982



4278248372

# Triad

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



4280474982



4278242815



4294933378

# Complementary

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



4280474982



4292682393

# 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.



4294931406



4280474982



4289442047

# Square

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



4280474982



4278246911



4294938111



4294941502

# Rectangle

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



4280474982



4278248681



4294938111



4294931611

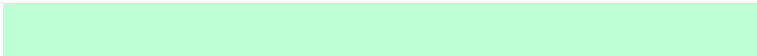


# Sweetspot

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



4280474982



4290772950



4288470306



4284055655



4278190080



4286611584



# Same Dimension

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



4280474982



4278255453



4280475073



4284706407



4278234431



4278201873



# Inverse Universe

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



4292682393



4294901922



4292682302



4285424490



4289527918



4281204765



# Previews

## White Background



This preview shows how the Android color 4280474982 looks on a white background.

## Color Contrast Check

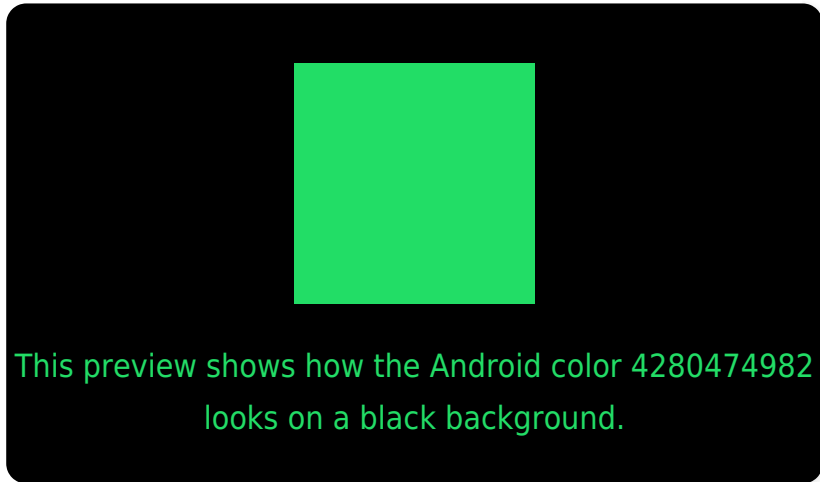
Large Text (above 18pt) WCAG AA × Fail

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 4280474982 Background



This preview shows how black text looks on a background with the Android color 4280474982.

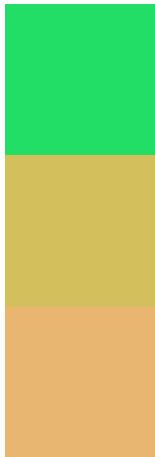


This preview shows how white text looks on a background with the Android color 4280474982.

# 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](#).

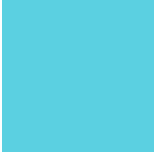
## Dichromacy



**Original Color**  
4280474982

**Protanopia**  
4292067164

**Deuteranopia**  
4293441136



**Tritanopia**  
4284207329

# Trichromacy



**Original Color**  
4280474982



**Protanomaly**  
4287875680



**Deuteranomaly**  
4288726124



**Tritanomaly**  
4282832308

# Monochromacy



**Original Color**  
4280474982



**Achromatopsia**  
4288190616



**Achromatomaly**  
4285378950

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280474982 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(34, 221, 102)` looks like.

```
.text, #text, p{  
    color:rgb(34, 221, 102)  
}
```

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(34, 221, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 221, 102) }
```

## Border

The CSS property to change the border of an element to Android 4280474982 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(34, 221, 102) }
```

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

```
.border{ border-color:rgb(34, 221, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 221, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 221, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 221, 102);  
box-shadow:4px 4px 4px 4px rgb(34, 221,  
102) }
```

# Background

The CSS property to change the background color of an element to Android 4280474982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 221, 102) }
```

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

```
.background{ background-color: rgb(34, 221,  
102) }
```

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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