

# Converting Colors

Android(4280862277)

Have a look what the booklet for  
Android(4280862277) contains.

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**Color**

**Android(4280862277)**

# Conversions

## Conversions Part 1

Format	Color
Hex	28C645
RGB	40, 198, 69
RGB Percent	16%, 78%, 27%
CMY	0.8431, 0.2235, 0.7294
CMYK	0.80, 0.00, 0.65, 0.22
HSL	131°, 66%, 47%
HSV	131°, 80%, 78%
XYZ	22.1433, 41.2690, 12.4289
YIQ	136.0520, -52.7590, -73.6150

# Conversions

## Conversions Part 2

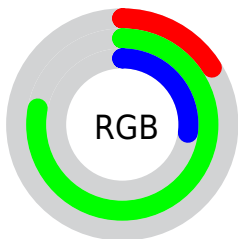
<b>Format</b>	<b>Color</b>
<b>RYB</b>	40, 173, 198
Decimal	2672197
CIELab	70.36, -64.60, 51.89
CIELCh	70, 82.855, 141.229
Yxy	41.2690, 0.2920, 0.5441
Android (android.graphics.Color)	4280862277 (0xFF28C645)
YUV	136.0520, -33.0566, -84.2376
Hunter-Lab	64.2409, -50.8941, 33.4977

# Details

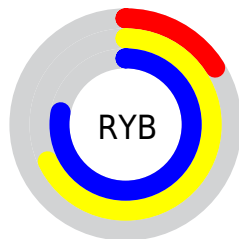
The Android color `4280862277` is a dark color, and the websafe version is hex `33CC33`. The color can be described as dark muted green. A complement of this color would be `4291176617`, and the grayscale version is `4287137928`.

A 20% lighter version of the original color is `4285661050`, and `4278226693` is the 20% darker color. If you saturate the color by 10%, you get `4279551541`, and if you desaturate by 10%, it is `4282173013`.

# Distribution



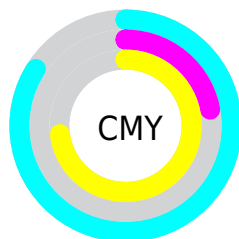
- Red (16%)
- Green (78%)
- Blue (27%)



- Red (16%)
- Yellow (68%)
- Blue (78%)



- Cyan (80%)
- Magenta (0%)
- Yellow (65%)
- Black (22%)



- Cyan (84%)
- Magenta (22%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280862277 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 4280862277 by changing the saturation by 10% instead.





4280862277



4280862277

4294967295



4278233642



4285661050



4278226693



4287692694



4278219776



4289724337



4278213120



4291755982



4278206720



4293722090



4278200576



4278190592



4278190080



4280862277



4280862277

 4279551541

 4282173013

 4278240805

 4283483749

 4278240804

 4284728949

 4286039686

 4287350422

 4288661158

 4289971894

 4291217094

 4292527830

# Harmonies

## Analogous

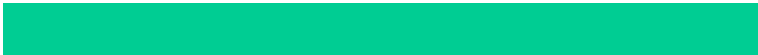
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4288395264



4280862277



4278242707

# Triad

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



4280862277



4278238463



4294926202

# Complementary

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



4280862277



4291176617

# 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.



4294925510



4280862277



4286030591

# Square

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



4280862277



4278241791



4293950975



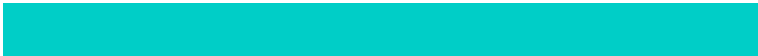
4294934580

# Rectangle

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



4280862277



4278243015



4293950975



4294924691

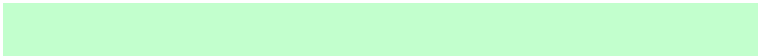


# Sweetspot

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



4280862277



4290969549



4289316392



4284186721



4278190080



4286611584



# Same Dimension

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



4280862277



4278910775



4280862356



4284113755



4278231838



4278199303



# Inverse Universe

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



4291176617



4294904530



4291176538



4284701282



4288872581



4280549405



# Previews

## White Background



This preview shows how the Android color 4280862277 looks on a white background.

## Color Contrast Check

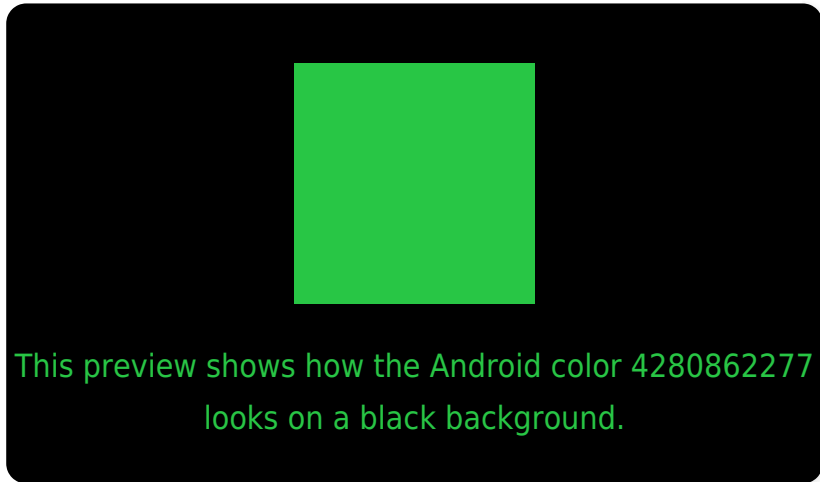
Large Text (above 18pt) WCAG AA × Fail

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 4280862277 Background



This preview shows how black text looks on a background with the Android color 4280862277.



This preview shows how white text looks on a background with the Android color 4280862277.

# 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**

4280862277



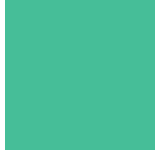
**Protanomaly**

4287149376



**Deuteranomaly**

4287999820



**Tritanomaly**

4282826392

# Monochromacy



**Original Color**

4280862277



**Achromatopsia**

4287137928



**Achromatomaly**

4284850032

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280862277 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(40, 198, 69)` looks like.

```
.text, #text, p{  
    color:rgb(40, 198, 69)  
}
```

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(40, 198, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 198, 69) }
```

## Border

The CSS property to change the border of an element to Android 4280862277 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(40, 198, 69) }
```

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

```
.border{ border-color:rgb(40, 198, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 198, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 198, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 198, 69);  
box-shadow:4px 4px 4px 4px rgb(40, 198,  
69) }
```

# Background

The CSS property to change the background color of an element to Android 4280862277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 198, 69) }
```

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

```
.background{ background-color: rgb(40, 198,  
69) }
```

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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