

# Converting Colors

Android(4280448837)

Have a look what the booklet for  
Android(4280448837) contains.

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# Color

**Android(4280448837)**

# Conversions

## Conversions Part 1

Format	Color
Hex	227745
RGB	34, 119, 69
RGB Percent	13%, 47%, 27%
CMY	0.8667, 0.5333, 0.7294
CMYK	0.71, 0.00, 0.42, 0.53
HSL	145°, 56%, 30%
HSV	145°, 71%, 47%
XYZ	8.3307, 13.9634, 7.8864
YIQ	87.8850, -34.6100, -33.5700

# Conversions

## Conversions Part 2

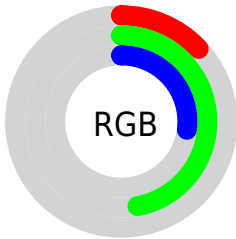
<b>Format</b>	<b>Color</b>
<b>RYB</b>	34, 94, 119
Decimal	2258757
CIELab	44.18, -37.30, 20.39
CIElCh	44, 42.507, 151.334
Yxy	13.9634, 0.2760, 0.4627
Android (android.graphics.Color)	4280448837 (0xFF227745)
YUV	87.8850, -9.3103, -47.2571
Hunter-Lab	37.3676, -25.5988, 13.6443

# Details

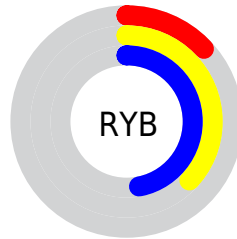
The Android color `4280448837` is a dark color, and the websafe version is hex `006633`. A complement of this color would be `4285997652`, and the grayscale version is `4283979864`.

A 20% lighter version of the original color is `4284132470`, and `4278207768` is the 20% darker color. If you saturate the color by 10%, you get `4279662398`, and if you desaturate by 10%, it is `4281235276`.

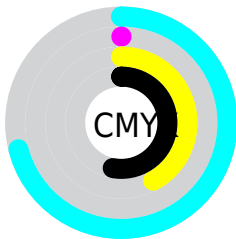
# Distribution



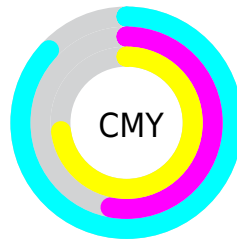
- Red (13%)
- Green (47%)
- Blue (27%)



- Red (13%)
- Yellow (37%)
- Blue (47%)



- Cyan (71%)
- Magenta (0%)
- Yellow (42%)
- Black (53%)



- Cyan (87%)
- Magenta (53%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280448837 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 4280448837 by changing the saturation by 10% instead.





4280448837



4280448837

4294967295



4278214190



4284132470



4278207768



4285974672



4278201856



4287751338



4278195968



4289593286



4278190080



4291428322



4293328894



4280448837



4280448837



4279662398



4281235276

■ 4278875959

■ 4282021715

■ 4278220593

■ 4282808154

■ 4283594593

■ 4284381032

■ 4285101935

■ 4285888374

■ 4286674813

■ 4287461252

# Harmonies

## Analogous

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



4283855144



4280448837



4278221417

# Triad

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



4280448837



4279659695



4289154374

# Complementary

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



4280448837



4285997652

# 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.



4289218664



4280448837



4285292197

# Square

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



4280448837



4278220198



4287975563



4288043562

# Rectangle

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



4280448837



4278221441



4287975563



4289284689



# Sweetspot

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



4280448837



4286291080



4283791138



4282076995



4291809231



4283387727



# Same Dimension

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



4280448837



4279671885



4280448878



4281678647



4278221362



4278254183



# Inverse Universe

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



4285997652



4288419428



4285997611



4282070328



4286185544



4294574227



# Previews

## White Background



This preview shows how the Android color 4280448837 looks on a white background.

## Color Contrast Check

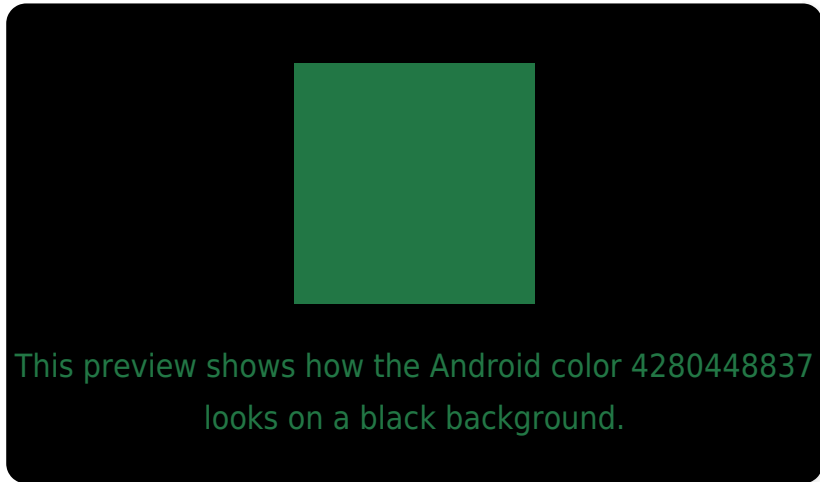
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

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



# Android 4280448837 Background



This preview shows how black text looks on a background with the Android color 4280448837.



This preview shows how white text looks on a background with the Android color 4280448837.

# 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**  
4280448837

**Protanopia**  
4285687871

**Deuteranopia**  
4286341962



# Trichromacy



**Original Color**  
4280448837

**Protanomaly**  
4283788609

**Deuteranomaly**  
4284181064

**Tritanomaly**  
4281299815

# Monochromacy



**Original Color**  
4280448837

**Achromatopsia**  
4283979864

**Achromatomaly**  
4282671953

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280448837 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, 119, 69)` looks like.

```
.text, #text, p{  
    color:rgb(34, 119, 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(34, 119, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 119, 69) }
```

## Border

The CSS property to change the border of an element to Android 4280448837 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, 119, 69) }
```

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

```
.border{ border-color:rgb(34, 119, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 119, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 119, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 119, 69);  
box-shadow:4px 4px 4px 4px rgb(34, 119,  
69) }
```

# Background

The CSS property to change the background color of an element to Android 4280448837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 119, 69) }
```

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

```
.background{ background-color: rgb(34, 119,  
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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