

# Converting Colors

Android(4281247828)

Have a look what the booklet for  
Android(4281247828) contains.

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# Color

**Android(4281247828)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2EA854
RGB	46, 168, 84
RGB Percent	18%, 66%, 33%
CMY	0.8196, 0.3412, 0.6706
CMYK	0.73, 0.00, 0.50, 0.34
HSL	139°, 57%, 42%
HSV	139°, 73%, 66%
XYZ	16.7296, 29.2262, 13.1470
YIQ	121.9460, -45.7480, -51.9880

# Conversions

## Conversions Part 2

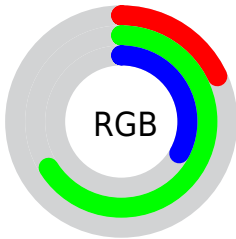
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	46, 139, 168
Decimal	3057748
CIE <sub>Lab</sub>	60.98, -51.60, 33.87
CIE <sub>LCh</sub>	61, 61.727, 146.718
Yxy	29.2262, 0.2831, 0.4945
Android (android.graphics.Color)	4281247828 (0xFF2EA854)
YUV	121.9460, -18.7074, -66.6046
Hunter-Lab	54.0613, -39.3693, 23.4243

# Details

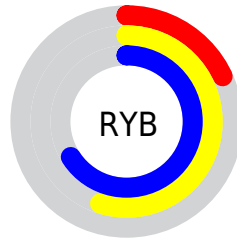
The Android color `4281247828` is a dark color, and the websafe version is hex `339933`. A complement of this color would be `4289212034`, and the grayscale version is `4286216826`.

A 20% lighter version of the original color is `4285390983`, and `4278219556` is the 20% darker color. If you saturate the color by 10%, you get `4280133704`, and if you desaturate by 10%, it is `4282361952`.

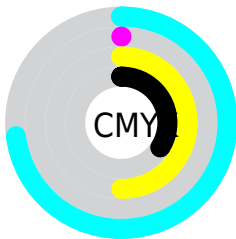
# Distribution



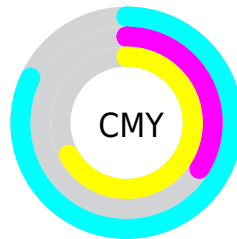
- Red (18%)
- Green (66%)
- Blue (33%)



- Red (18%)
- Yellow (55%)
- Blue (66%)



- Cyan (73%)
- Magenta (0%)
- Yellow (50%)
- Black (34%)




- Cyan (82%)
- Magenta (34%)
- Yellow (67%)


# Brightness & Saturation Gradients

These gradients show how the Android color 4281247828 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 4281247828 by changing the saturation by 10% instead.



 4281247828

 4281247828

4294967295

 4278226236

 4285390983

 4278219556

 4287298978

 4278212874

 4289200061

 4278206464


 4291166169

 4278200832

 4293066742

 4278191872

 4278190080

 4281247828

 4281247828

 4280133704

 4282361952

 4279019581

 4283476075

 4278233140

 4284524663


 4285638786

 4286752910

 4287867033

 4288981157

 4290029745

 4291143868

# Harmonies

## Analogous

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



4286553638



4281247828



4278234251

# Triad

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



4281247828



4278230015



4294141029

# Complementary

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



4281247828



4289212034

# 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.



4294008732



4281247828



4287137781

# Square

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



4281247828



4278233070



4291784656



4292704567

# Rectangle

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



4281247828



4278234545



4291784656



4294336631



# Sweetspot

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



4281247828



4289452986



4286818350



4283526746



4293783021



4285427310



# Same Dimension

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



4281247828



4280146776



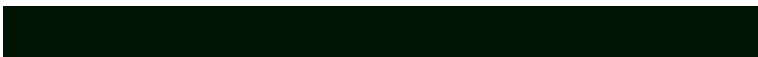
4281247888



4283192398



4278228014



4278195206



# Inverse Universe

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



4289212034



4292550048



4289211974



4283714642



4287889510



4279500814



# Previews

## White Background



This preview shows how the Android color 4281247828 looks on a white background.

## Color Contrast Check

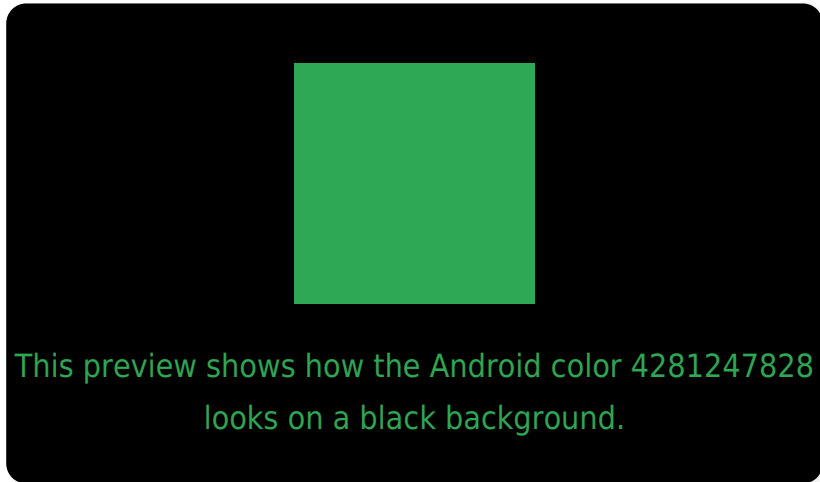
Large Text (above 18pt) WCAG AA ✓ Pass

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

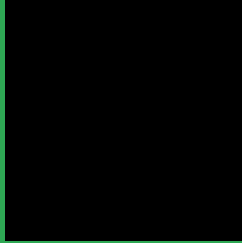
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Android 4281247828 Background



This preview shows how black text looks on a background with the Android color 4281247828.



This preview shows how white text looks on a background with the Android color 4281247828.

# 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**  
4281247828

**Protanopia**  
4288778828

**Deuteranopia**  
4289760091



# Trichromacy



**Original Color**

4281247828



**Protanomaly**

4286028367



**Deuteranomaly**

4286682712



**Tritanomaly**

4282557067

# Monochromacy



**Original Color**

4281247828



**Achromatopsia**

4286216826



**Achromatomaly**

4284386156

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281247828 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(46, 168, 84)` looks like.

```
.text, #text, p{  
    color:rgb(46, 168, 84)  
}
```

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(46, 168, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 168, 84) }
```

## Border

The CSS property to change the border of an element to Android 4281247828 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(46, 168, 84) }
```

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

```
.border{ border-color:rgb(46, 168, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 168, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 168, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 168, 84);  
box-shadow:4px 4px 4px 4px rgb(46, 168,  
84) }
```

# Background

The CSS property to change the background color of an element to Android 4281247828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 168, 84) }
```

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

```
.background{ background-color: rgb(46, 168,  
84) }
```

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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