

# Converting Colors

Android(4284128340)

Have a look what the booklet for  
Android(4284128340) contains.

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# Color

**Android(4284128340)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5A9C54
RGB	90, 156, 84
RGB Percent	35%, 61%, 33%
CMY	0.6471, 0.3882, 0.6706
CMYK	0.42, 0.00, 0.46, 0.39
HSL	115°, 30%, 47%
HSV	115°, 46%, 61%
XYZ	17.7051, 26.5907, 12.5869
YIQ	128.0580, -16.2240, -36.3840

# Conversions

## Conversions Part 2

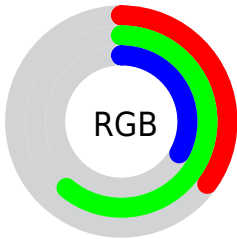
<b>Format</b>	<b>Color</b>
<b>RYB</b>	84, 156, 150
Decimal	5938260
CIELab	58.59, -35.97, 31.18
CIELCh	59, 47.603, 139.077
Yxy	26.5907, 0.3113, 0.4675
Android (android.graphics.Color)	4284128340 (0xFF5A9C54)
YUV	128.0580, -21.7206, -33.3769
Hunter-Lab	51.5662, -28.9531, 21.6241

# Details

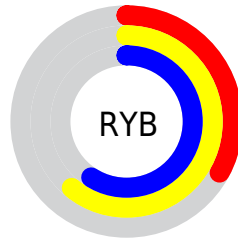
The Android color `4284128340` is a dark color, and the websafe version is hex `669966`. A complement of this color would be `4288042140`, and the grayscale version is `4286611584`.

A 20% lighter version of the original color is `4287615879`, and `4280576036` is the 20% darker color. If you saturate the color by 10%, you get `4283210820`, and if you desaturate by 10%, it is `4285045860`.

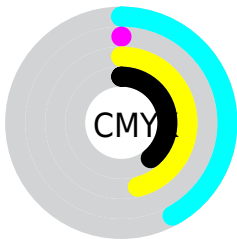
# Distribution



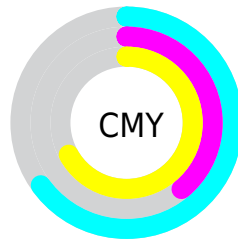
- Red (35%)
- Green (61%)
- Blue (33%)



- Red (33%)
- Yellow (61%)
- Blue (59%)



- Cyan (42%)
- Magenta (0%)
- Yellow (46%)
- Black (39%)



- Cyan (65%)
- Magenta (39%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284128340 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 4284128340 by changing the saturation by 10% instead.





4284128340



4284128340

4294967295



4282417724



4287615879



4280576036



4289458337



4278275852



4291297213



4278204416



4293197785



4278199296



4294967285



4278190080



4284128340



4284128340



4283210820



4285045860



4282227765



4286028915

 4281310245

 4286946435

 4280392726

 4287863954

 4279475206

 4288847010

 4279081984

 4289764530

 4290682049

 4291599569

 4292582624

# Harmonies

## Analogous

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



4287337274



4284128340



4278231420

# Triad

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



4284128340



4278228703



4292569716

# Complementary

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



4284128340



4288042140

# 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.



4291979934



4284128340



4285958364

# Square

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



4284128340



4278230731



4289820612



4291720783

# Rectangle

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



4284128340



4278231705



4289820612



4292503938



# Sweetspot

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



4284128340



4289907887



4288452180



4283852373



4293322470



4284900966



# Same Dimension

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



4284128340



4284861532



4283735154



4282928967



4279013120



4278259456



# Inverse Universe

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



4288042140



4290993356



4288435326



4283320143



4286775439



4279107599



# Previews

## White Background



This preview shows how the Android color 4284128340 looks on a white background.

## Color Contrast Check

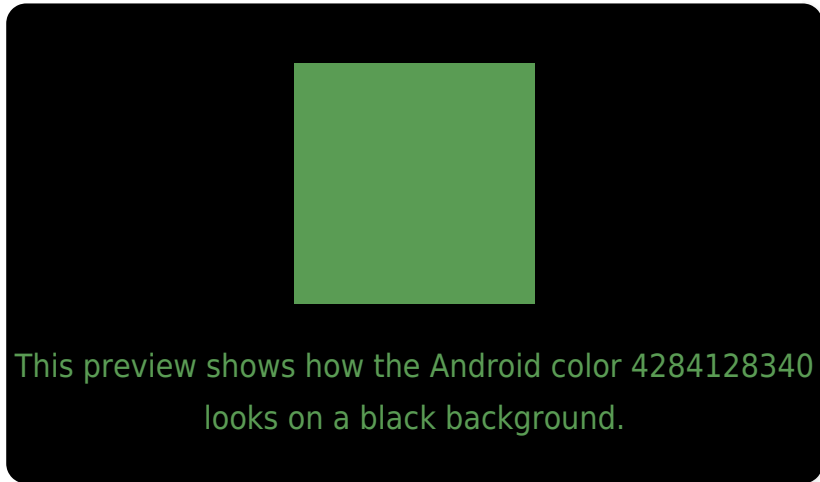
Large Text (above 18pt) WCAG AA ✓ Pass

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 4284128340 Background



This preview shows how black text looks on a background with the Android color 4284128340.



This preview shows how white text looks on a background with the Android color 4284128340.

# 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**  
4284128340

**Protanomaly**  
4286812752

**Deuteranomaly**  
4287401559

**Tritanomaly**  
4284782212

# Monochromacy



**Original Color**  
4284128340

**Achromatopsia**  
4286611584

**Achromatomaly**  
4285696624

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284128340 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(90, 156, 84)` looks like.

```
.text, #text, p{  
    color:rgb(90, 156, 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(90, 156, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 156, 84) }
```

## Border

The CSS property to change the border of an element to Android 4284128340 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(90, 156, 84) }
```

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

```
.border{ border-color:rgb(90, 156, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 156, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 156, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 156, 84);  
box-shadow:4px 4px 4px 4px rgb(90, 156,  
84) }
```

# Background

The CSS property to change the background color of an element to Android 4284128340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 156, 84) }
```

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

```
.background{ background-color: rgb(90, 156,  
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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