

# Converting Colors

Android(4282357561)

Have a look what the booklet for  
Android(4282357561) contains.

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# Color

**Android(4282357561)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3F9739
RGB	63, 151, 57
RGB Percent	25%, 59%, 22%
CMY	0.7529, 0.4078, 0.7765
CMYK	0.58, 0.00, 0.62, 0.41
HSL	116°, 45%, 41%
HSV	116°, 62%, 59%
XYZ	13.8550, 23.4854, 7.6738
YIQ	113.9720, -22.2740, -47.8900

# Conversions

## Conversions Part 2

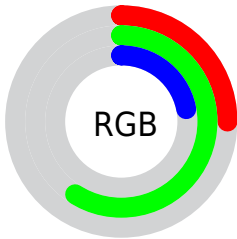
<b>Format</b>	<b>Color</b>
<b>RYB</b>	57, 151, 145
Decimal	4167481
CIELab	55.57, -45.34, 40.78
CIELCh	56, 60.985, 138.031
Yxy	23.4854, 0.3078, 0.5217
Android (android.graphics.Color)	4282357561 (0xFF3F9739)
YUV	113.9720, -28.0872, -44.7024
Hunter-Lab	48.4617, -33.7755, 24.5348

# Details

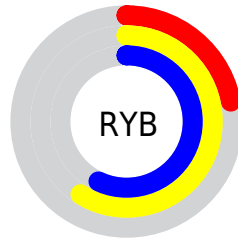
The Android color `4282357561` is a dark color, and the websafe version is hex `339933`. A complement of this color would be `4287707543`, and the grayscale version is `4285690482`.

A 20% lighter version of the original color is `4286041708`, and `4278215426` is the 20% darker color. If you saturate the color by 10%, you get `4281440042`, and if you desaturate by 10%, it is `4283275080`.

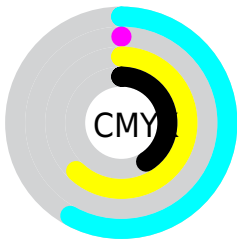
# Distribution



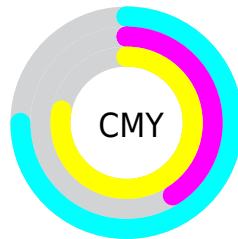
- Red (25%)
- Green (59%)
- Blue (22%)



- Red (22%)
- Yellow (59%)
- Blue (57%)



- Cyan (58%)
- Magenta (0%)
- Yellow (62%)
- Black (41%)



- Cyan (75%)
- Magenta (41%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282357561 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 4282357561 by changing the saturation by 10% instead.





4282357561



4282357561

4294967295



4280253728



4286041708



4278215426



4287884166



4278209024



4289789857



4278203136



4291624892



4278197248



4293591000



4278190080



4294967285



4282357561



4282357561



4281440042



4283275080

■ 4280522523

■ 4284192599

■ 4279605004

■ 4285110118

■ 4278884096

■ 4286093173

■ 4287010692

■ 4287928212

■ 4288845731

■ 4289763250

■ 4290680769

# Harmonies

## Analogous

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



4286680073



4282357561



4278230125

# Triad

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



4282357561



4278227437



4293153384

# Complementary

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



4282357561



4287707543

# 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.



4292498333



4282357561



4283990250

# Square

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



4282357561



4278229971



4289685709



4292109623

# Rectangle

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



4282357561



4278230674



4289685709



4293152889



# Sweetspot

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



4282357561



4288791711



4288123193



4283327309



4293125091



4284703587



# Same Dimension

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



4282357561



4282041393



4281964386



4282731845



4278815744



4278258944



# Inverse Universe

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



4287707543



4290458052



4288100718



4283188557



4286775436



4278976525



# Previews

## White Background



This preview shows how the Android color 4282357561 looks on a white background.

## Color Contrast Check

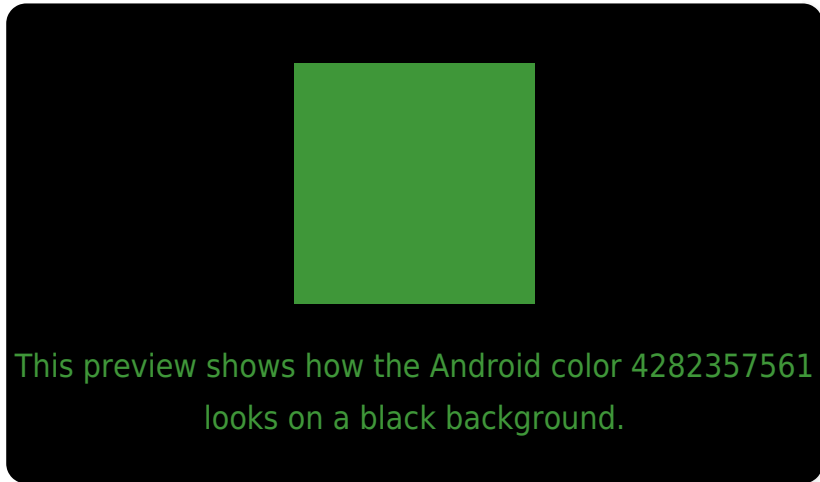
Large Text (above 18pt) WCAG AA ✓ Pass

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 4282357561 Background



This preview shows how black text looks on a background with the Android color 4282357561.



This preview shows how white text looks on a background with the Android color 4282357561.

# 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**

[4282357561](#)

**Protanopia**

[4287857716](#)

**Deuteranopia**

[4288904769](#)



# Trichromacy



**Original Color**  
4282357561

**Protanomaly**  
4285827894

**Deuteranomaly**  
4286547774

**Tritanomaly**  
4283273590

# Monochromacy



**Original Color**  
4282357561

**Achromatopsia**  
4285690482

**Achromatomaly**  
4284448605

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282357561 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(63, 151, 57)` looks like.

```
.text, #text, p{  
    color:rgb(63, 151, 57)  
}
```

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(63, 151, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 151, 57) }
```

## Border

The CSS property to change the border of an element to Android 4282357561 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(63, 151, 57) }
```

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

```
.border{ border-color:rgb(63, 151, 57) }
```

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

Here you see how a box with a 4 pixel rgb(63, 151, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 151, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 151, 57);  
box-shadow:4px 4px 4px 4px rgb(63, 151,  
57) }
```

# Background

The CSS property to change the background color of an element to Android 4282357561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 151, 57) }
```

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

```
.background{ background-color: rgb(63, 151,  
57) }
```

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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