

# Converting Colors

Android(4281971554)

Have a look what the booklet for  
Android(4281971554) contains.

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# **Color**

**Android(4281971554)**

# Conversions

## Conversions Part 1

Format	Color
Hex	39B362
RGB	57, 179, 98
RGB Percent	22%, 70%, 38%
CMY	0.7765, 0.2980, 0.6157
CMYK	0.68, 0.00, 0.45, 0.30
HSL	140°, 52%, 46%
HSV	140°, 68%, 70%
XYZ	20.0120, 33.9919, 17.0616
YIQ	133.2880, -46.7110, -51.0550

# Conversions

## Conversions Part 2

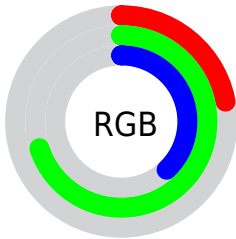
<b>Format</b>	<b>Color</b>
<b>RYB</b>	57, 148, 179
Decimal	3781474
CIELab	64.96, -51.49, 31.76
CIELCh	65, 60.498, 148.339
Yxy	33.9919, 0.2816, 0.4783
Android (android.graphics.Color)	4281971554 (0xFF39B362)
YUV	133.2880, -17.3970, -66.9046
Hunter-Lab	58.3026, -40.7603, 23.4612

# Details

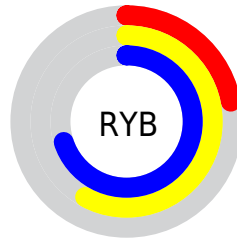
The Android color `4281971554` is a dark color, and the websafe version is hex `66CC66`. A complement of this color would be `4289935754`, and the grayscale version is `4286940549`.

A 20% lighter version of the original color is `4285983894`, and `4278222129` is the 20% darker color. If you saturate the color by 10%, you get `4280791894`, and if you desaturate by 10%, it is `4283151214`.

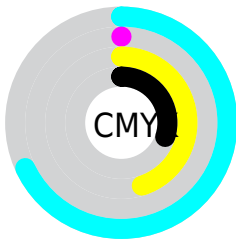
# Distribution



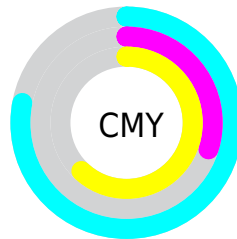
- Red (22%)
- Green (70%)
- Blue (38%)



- Red (22%)
- Yellow (58%)
- Blue (70%)



- Cyan (68%)
- Magenta (0%)
- Yellow (45%)
- Black (30%)



- Cyan (78%)
- Magenta (30%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281971554 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 4281971554 by changing the saturation by 10% instead.





4281971554



4281971554

4294967295



4278949961



4285983894



4278222129



4287954865



4278215450



4289855437



4278209025



4291756009



4278203136



4293722111



4278196736



4278190080



4281971554



4281971554



4280791894



4283151214

 4279612234

 4284330874

 4278432574

 4285510534

 4278235964

 4286690194

 4287869853

 4288983977

 4290163637

 4291343297

 4292522957

# Harmonies

## Analogous

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



4287080758



4281971554



4278237081

# Triad

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



4281971554



4278232575



4294865261

# Complementary

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



4281971554



4289935754

# 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.



4294732707



4281971554



4288254461

# Square

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



4281971554



4278235641



4292639447



4293297473

# Rectangle

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



4281971554



4278237374



4292639447



4294929791



# Sweetspot

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



4281971554



4290439369



4287279929



4284052835



4294309365



4285887861



# Same Dimension

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



4281971554



4281002090



4281971615



4283455827



4278229299



4278196745



# Inverse Universe

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



4289935754



4293405352



4289935693



4284043350



4288217190



4279894033



# Previews

## White Background



This preview shows how the Android color 4281971554 looks on a white background.

## Color Contrast Check

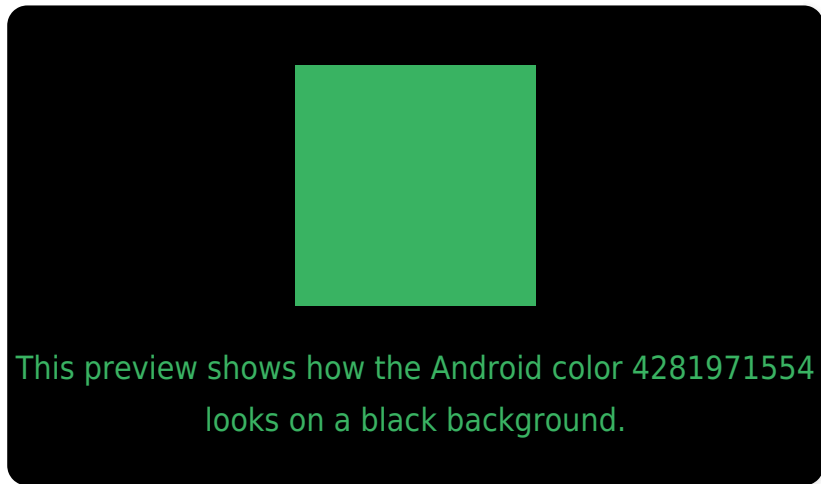
Large Text (above 18pt) WCAG AA × Fail

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 4281971554 Background



This preview shows how black text looks on a background with the Android color 4281971554.



This preview shows how white text looks on a background with the Android color 4281971554.

# 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**  
4281971554

**Protanopia**  
4289502298

**Deuteranopia**  
4290483817



# Trichromacy



**Original Color**  
4281971554



**Protanomaly**  
4286751837



**Deuteranomaly**  
4287406438



**Tritanomaly**  
4283149720

# Monochromacy



**Original Color**  
4281971554



**Achromatopsia**  
4286940549



**Achromatomaly**  
4285109880

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281971554 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(57, 179, 98)` looks like.

```
.text, #text, p{  
    color:rgb(57, 179, 98)  
}
```

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(57, 179, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 179, 98) }
```

## Border

The CSS property to change the border of an element to Android 4281971554 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(57, 179, 98) }
```

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

```
.border{ border-color:rgb(57, 179, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 179, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 179, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 179, 98);  
box-shadow:4px 4px 4px 4px rgb(57, 179,  
98) }
```

# Background

The CSS property to change the background color of an element to Android 4281971554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 179, 98) }
```

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

```
.background{ background-color: rgb(57, 179,  
98) }
```

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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