

# Converting Colors

Android(4281700954)

Have a look what the booklet for  
Android(4281700954) contains.

<b>Android(4281700954)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Android(4281700954)**

# Conversions

## Conversions Part 1

Format	Color
Hex	35925A
RGB	53, 146, 90
RGB Percent	21%, 57%, 35%
CMY	0.7922, 0.4275, 0.6471
CMYK	0.64, 0.00, 0.38, 0.43
HSL	144°, 47%, 39%
HSV	144°, 64%, 57%
XYZ	13.5925, 22.0528, 13.2131
YIQ	111.8090, -37.4520, -37.1320

# Conversions

## Conversions Part 2

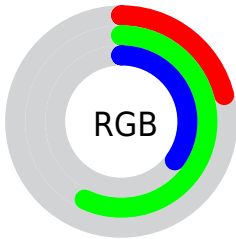
<b>Format</b>	<b>Color</b>
<b>RYB</b>	53, 120, 146
Decimal	3510874
CIELab	54.08, -40.61, 21.82
CIELCh	54, 46.099, 151.756
Yxy	22.0528, 0.2782, 0.4514
Android (android.graphics.Color)	4281700954 (0xFF35925A)
YUV	111.8090, -10.7518, -51.5755
Hunter-Lab	46.9604, -30.5146, 16.1901

# Details

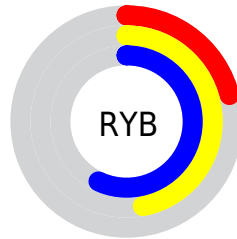
The Android color `4281700954` is a dark color, and the websafe version is hex `339966`. A complement of this color would be `4287772013`, and the grayscale version is `4285558896`.

A 20% lighter version of the original color is `4285385101`, and `4278214187` is the 20% darker color. If you saturate the color by 10%, you get `4280717905`, and if you desaturate by 10%, it is `4282684003`.

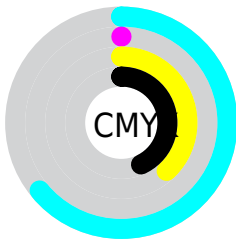
# Distribution



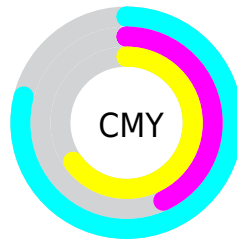
- Red (21%)
- Green (57%)
- Blue (35%)



- Red (21%)
- Yellow (47%)
- Blue (57%)



- Cyan (64%)
- Magenta (0%)
- Yellow (38%)
- Black (43%)




- Cyan (79%)
- Magenta (43%)
- Yellow (65%)


# Brightness & Saturation Gradients

These gradients show how the Android color 4281700954 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 4281700954 by changing the saturation by 10% instead.



 4281700954

 4281700954

4294967295

 4279400514

 4285385101

 4278214187

 4287227303

 4278208022

 4289068994

 4278202112


 4290969566

 4278195968

 4292870139

 4278190080

 4294770687

 4281700954

 4281700954

 4280717905

 4282684003

■ 4279800392

■ 4283601516

■ 4278817344

■ 4284584564

■ 4278227514

■ 4285502077

■ 4286485126

■ 4287468175

■ 4288385688

■ 4289368736

■ 4290286249

# Harmonies

## Analogous

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



4285369146



4281700954



4278228354

# Triad

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



4281700954



4281632209



4291322714

# Complementary

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



4281700954



4287772013

# 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.



4291387009



4281700954



4287002309

# Square

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



4281700954



4278226887



4290012840



4290081083

# Rectangle

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



4281700954



4278228382



4290012840



4291518566



# Sweetspot

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



4281700954



4288265639



4285436469



4282998353



4292796126



4284374622



# Same Dimension

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



4281700954



4281187686



4281700999



4282600005



4278225463



4278192644



# Inverse Universe

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



4287772013



4290588036



4287771968



4283056967



4287234131



4278845446



# Previews

## White Background



This preview shows how the Android color 4281700954 looks on a white background.

## Color Contrast Check

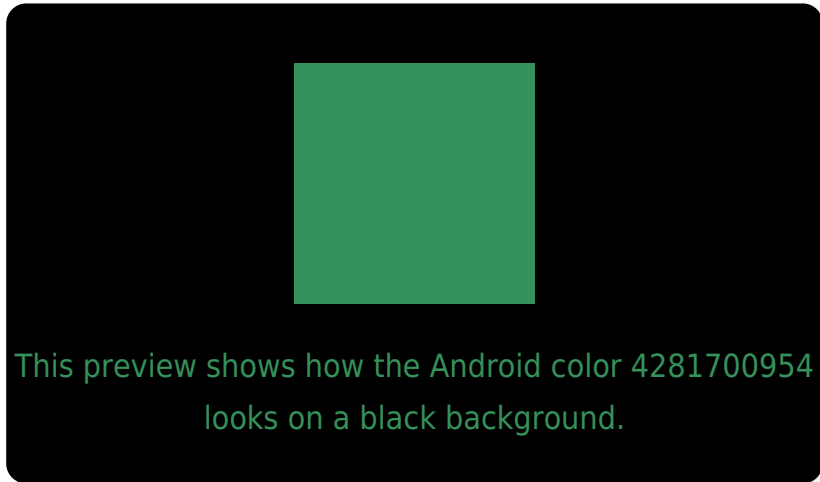
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281700954 Background



This preview shows how black text looks on a background with the Android color 4281700954.



This preview shows how white text looks on a background with the Android color 4281700954.

# 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**  
4281700954

**Protanopia**  
4287397971

**Deuteranopia**  
4288183135



# Trichromacy



**Original Color**  
4281700954



**Protanomaly**  
4285302614



**Deuteranomaly**  
4285825885



**Tritanomaly**  
4282486400

# Monochromacy



**Original Color**  
4281700954



**Achromatopsia**  
4285558896



**Achromatomaly**  
4284185704

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281700954 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(53, 146, 90)` looks like.

```
.text, #text, p{  
    color:rgb(53, 146, 90)  
}
```

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(53, 146, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 146, 90) }
```

## Border

The CSS property to change the border of an element to Android 4281700954 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(53, 146, 90) }
```

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

```
.border{ border-color:rgb(53, 146, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 146, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 146, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 146, 90);  
box-shadow:4px 4px 4px 4px rgb(53, 146,  
90) }
```

# Background

The CSS property to change the background color of an element to Android 4281700954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 146, 90) }
```

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

```
.background{ background-color: rgb(53, 146,  
90) }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor