

# Converting Colors

Android(4281858899)

Have a look what the booklet for  
Android(4281858899) contains.

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# **Color**

**Android(4281858899)**

# Conversions

## Conversions Part 1

Format	Color
Hex	37FB53
RGB	55, 251, 83
RGB Percent	22%, 98%, 33%
CMY	0.7843, 0.0157, 0.6745
CMYK	0.78, 0.00, 0.67, 0.02
HSL	129°, 96%, 60%
HSV	129°, 78%, 98%
XYZ	37.6341, 70.4311, 19.7947
YIQ	173.2440, -62.8880, -93.8000

# Conversions

## Conversions Part 2

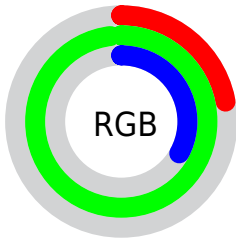
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">55, 227, 251</a>
Decimal	<a href="#">3668819</a>
CIELab	<a href="#">87.21, -77.71, 64.65</a>
CIELCh	<a href="#">87, 101.080, 140.242</a>
Yxy	<a href="#">70.4311, 0.2943, 0.5508</a>
Android (android.graphics.Color)	<a href="#">4281858899 (0xFF37FB53)</a>
YUV	<a href="#">173.2440, -44.4903, -103.7000</a>
Hunter-Lab	<a href="#">83.9232, -66.8202, 44.7618</a>

# Details

The Android color `4281858899` is a dark color, and the websafe version is hex `33FF66`. The color can be described as dark washed green. A complement of this color would be `4294653919`, and the grayscale version is `4289638062`.

A 20% lighter version of the original color is `4286971787`, and `4278239502` is the 20% darker color. If you saturate the color by 10%, you get `4280220477`, and if you desaturate by 10%, it is `4283497321`.

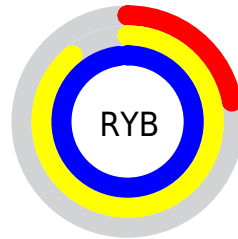
# Distribution



Red (22%)

Green (98%)

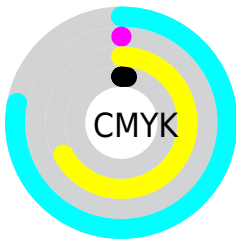
Blue (33%)



Red (22%)

Yellow (89%)

Blue (98%)

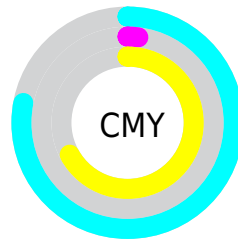


Cyan (78%)

Magenta (0%)

Yellow (67%)

Black (2%)



Cyan (78%)

Magenta (2%)


Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281858899 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 4281858899 by changing the saturation by 10% instead.



 4281858899

 4281858899

4294967295

 4278246965

 4286971787

 4278239502

 4289134504

 4278232064

 4291231684

 4278225152

 4293328865

 4278218240

 4278211328

 4278205184

 4278198528

 4278190080

■ 4281858899

■ 4281858899

■ 4280220477

■ 4283497321

■ 4278582056

■ 4285135742

■ 4278254372

■ 4286774164

■ 4288412585

■ 4290116543

■ 4291754964

■ 4293393386

■ 4294966271

# Harmonies

## Analogous

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



4291356928



4281858899



4278255543

# Triad

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



4281858899



4278251519



4294931870

# Complementary

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



4281858899



4294653919

# 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.



4294931710



4281858899



4287418367

# Square

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



4281858899



4278255615



4294942975



4294942788

# Rectangle

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



4281858899



4278255610



4294942975



4294930110

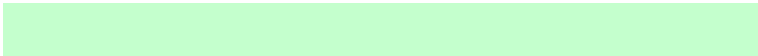


# Sweetspot

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



4281858899



4291100621



4292999991



4284252257



4278190080



4286611584



# Same Dimension

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



4281858899



4279238450



4281858995



4285562226



4278238491



4278205705



# Inverse Universe

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



4294653919



4294905821



4294653823



4286410875



4290576546

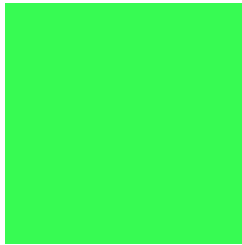


4282187828



# Previews

## White Background



This preview shows how the Android color 4281858899 looks on a white background.

## Color Contrast Check

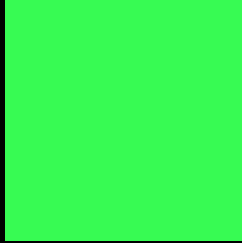
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Android color 4281858899 looks on a 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 4281858899 Background



This preview shows how black text looks on a background with the Android color 4281858899.

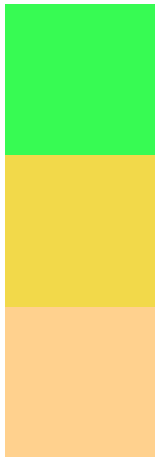


This preview shows how white text looks on a background with the Android color 4281858899.

# 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**  
4281858899

**Protanopia**  
4294105418

**Deuteranopia**  
4294955406



# Trichromacy



**Original Color**

4281858899



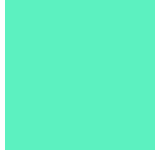
**Protanomaly**

4289652045



**Deuteranomaly**

4290175097



**Tritanomaly**

4284281280

# Monochromacy



**Original Color**

4281858899



**Achromatopsia**

4289572269



**Achromatomaly**

4286761356

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281858899 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(55, 251, 83)` looks like.

```
.text, #text, p{  
    color:rgb(55, 251, 83)  
}
```

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(55, 251, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 251, 83) }
```

## Border

The CSS property to change the border of an element to Android 4281858899 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(55, 251, 83) }
```

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

```
.border{ border-color:rgb(55, 251, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 251, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 251, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 251, 83);  
box-shadow:4px 4px 4px 4px rgb(55, 251,  
83) }
```

# Background

The CSS property to change the background color of an element to Android 4281858899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 251, 83) }
```

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

```
.background{ background-color: rgb(55, 251,  
83) }
```

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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