

# Converting Colors

Android(4281909848)

Have a look what the booklet for  
Android(4281909848) contains.

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# **Color**

**Android(4281909848)**

# Conversions

## Conversions Part 1

Format	Color
Hex	38C258
RGB	56, 194, 88
RGB Percent	22%, 76%, 35%
CMY	0.7804, 0.2392, 0.6549
CMYK	0.71, 0.00, 0.55, 0.24
HSL	134°, 55%, 49%
HSV	134°, 71%, 76%
XYZ	22.6841, 40.1289, 15.7826
YIQ	140.6540, -48.2220, -62.2220

# Conversions

## Conversions Part 2

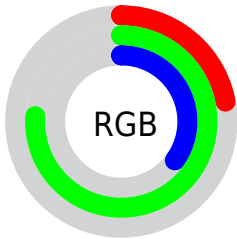
Format	Color
<a href="#">RYB</a>	<a href="#">56, 168, 194</a>
Decimal	<a href="#">3719768</a>
CIELab	<a href="#">69.56, -58.65, 42.46</a>
CIELCh	<a href="#">70, 72.409, 144.099</a>
Yxy	<a href="#">40.1289, 0.2886, 0.5106</a>
Android (android.graphics.Color)	<a href="#">4281909848 (0xFF38C258)</a>
YUV	<a href="#">140.6540, -25.9584, -74.2416</a>
Hunter-Lab	<a href="#">63.3474, -46.9387, 29.5714</a>

# Details

The Android color **4281909848** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted green. A complement of this color would be **4290918562**, and the grayscale version is **4287466893**.

A 20% lighter version of the original color is **4286184588**, and **4278225701** is the 20% darker color. If you saturate the color by 10%, you get **4280664649**, and if you desaturate by 10%, it is **4283155047**.

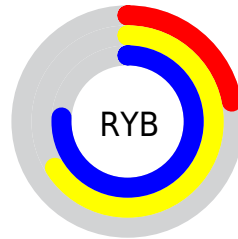
# Distribution



Red (22%)

Green (76%)

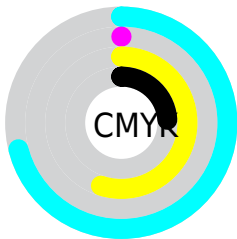
Blue (35%)



Red (22%)

Yellow (66%)

Blue (76%)

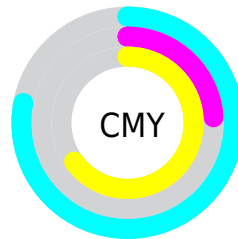


Cyan (71%)

Magenta (0%)

Yellow (55%)

Black (24%)



Cyan (78%)

Magenta (24%)


Yellow (65%)


# Brightness & Saturation Gradients

These gradients show how the Android color 4281909848 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 4281909848 by changing the saturation by 10% instead.



 4281909848

 4281909848

4294967295

 4278232639

 4286184588

 4278225701

 4288151463

 4278218758

 4290117571

 4278212352


 4292083680

 4278205952

 4294049789

 4278200064

 4278190080

 4281909848

 4281909848

 4280664649

 4283155047

■ 4279353914

■ 4284465782

■ 4278239789

■ 4285710981

■ 4287021716

■ 4288266915

■ 4289512113

■ 4290822848

■ 4292068047

■ 4293378782

# Harmonies

## Analogous

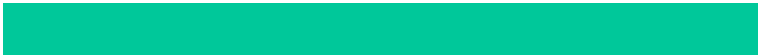
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4288132637



4281909848



4278241434

# Triad

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



4281909848



4278236671



4294930040

# Complementary

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



4281909848



4290918562

# 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.



4294928826



4281909848



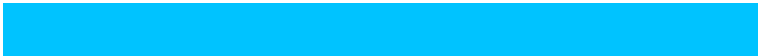
4287667967

# Square

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



4281909848



4278240255



4293689592



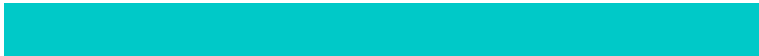
4294936638

# Rectangle

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



4281909848



4278241736



4293689592



4294928782

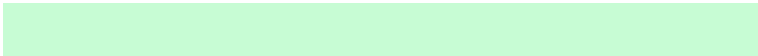


# Sweetspot

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



4281909848



4291296468



4288987704



4284514407



4278190080



4286611584



# Same Dimension

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



4281909848



4280745048



4281909915



4283916633



4278231333



4278198536



# Inverse Universe

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



4290918562



4294715083



4290918495



4284569439



4288741499



4280352793



# Previews

## White Background



This preview shows how the Android color 4281909848 looks on a white background.

## Color Contrast Check

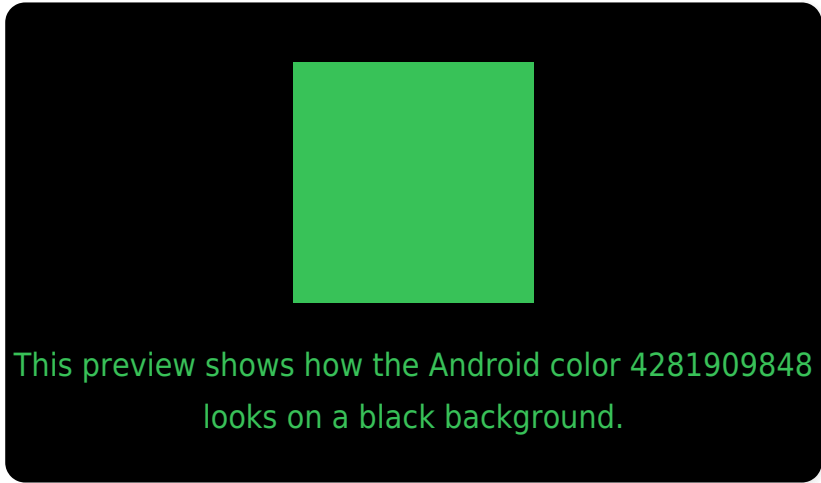
Large Text (above 18pt) WCAG AA × Fail

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 4281909848 Background



This preview shows how black text looks on a background with the Android color 4281909848.



This preview shows how white text looks on a background with the Android color 4281909848.

# 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**

4281909848



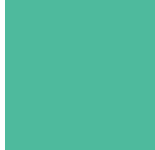
**Protanomaly**

4287345235



**Deuteranomaly**

4288130398



**Tritanomaly**

4283349661

# Monochromacy



**Original Color**

4281909848



**Achromatopsia**

4287466893



**Achromatomaly**

4285440122

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281909848 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(56, 194, 88)` looks like.

```
.text, #text, p{  
    color:rgb(56, 194, 88)  
}
```

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(56, 194, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 194, 88) }
```

## Border

The CSS property to change the border of an element to Android 4281909848 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(56, 194, 88) }
```

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

```
.border{ border-color:rgb(56, 194, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 194, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 194, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 194, 88);  
box-shadow:4px 4px 4px 4px rgb(56, 194,  
88) }
```

# Background

The CSS property to change the background color of an element to Android 4281909848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 194, 88) }
```

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

```
.background{ background-color: rgb(56, 194,  
88) }
```

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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