

# Converting Colors

Android(4280929080)

Have a look what the booklet for  
Android(4280929080) contains.

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**Color**

**Android(4280929080)**

# Conversions

## Conversions Part 1

Format	Color
Hex	29CB38
RGB	41, 203, 56
RGB Percent	16%, 80%, 22%
CMY	0.8392, 0.2039, 0.7804
CMYK	0.80, 0.00, 0.72, 0.20
HSL	126°, 66%, 48%
HSV	126°, 80%, 80%
XYZ	22.9842, 43.4688, 10.9203
YIQ	137.8040, -49.3650, -80.0610

# Conversions

## Conversions Part 2

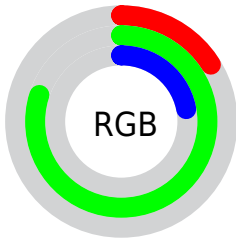
<b>Format</b>	<b>Color</b>
<b>RYB</b>	41, 189, 203
Decimal	2739000
CIELab	71.87, -67.25, 58.58
CIELCh	72, 89.188, 138.942
Yxy	43.4688, 0.2971, 0.5618
Android (android.graphics.Color)	4280929080 (0xFF29CB38)
YUV	137.8040, -40.3294, -84.8971
Hunter-Lab	65.9309, -53.1521, 36.3313

# Details

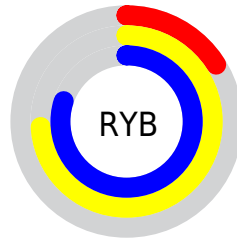
The Android color **4280929080** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **4291504572**, and the grayscale version is **4287269514**.

A 20% lighter version of the original color is **4285857647**, and **4278227712** is the 20% darker color. If you saturate the color by 10%, you get **4279618342**, and if you desaturate by 10%, it is **4282239818**.

# Distribution



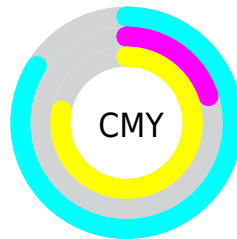
- Red (16%)
- Green (80%)
- Blue (22%)



- Red (16%)
- Yellow (74%)
- Blue (80%)



- Cyan (80%)
- Magenta (0%)
- Yellow (72%)
- Black (20%)



- Cyan (84%)
- Magenta (20%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280929080 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 4280929080 by changing the saturation by 10% instead.



 4280929080

 4280929080

4294967295

 4278234903

 4285857647

 4278227712

 4287889291

 4278220800

 4289920935

 4278214144

 4291952579

 4278207744

 4293984224

 4278201600

4294967293

 4278193408

 4278190080

 4280929080

 4280929080

 4279618342

 4282239818

 4278242067

 4283616093


 4284926831

 4286237570

 4287613844

 4288924583

 4290235321

 4291546059

 4292922334

# Harmonies

## Analogous

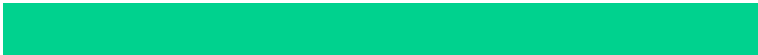
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4288920576



4280929080



4278243982

# Triad

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



4280929080



4278240255



4294923905

# Complementary

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



4280929080



4291504572

# 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.



4294924242



4280929080



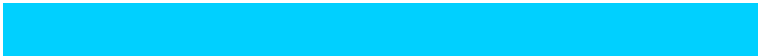
4284393727

# Square

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



4280929080



4278243583



4294082815



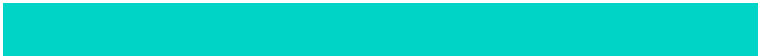
4294933555

# Rectangle

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



4280929080



4278244551



4294082815



4294922395

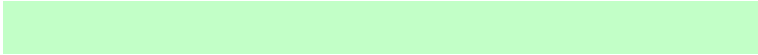


# Sweetspot

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



4280929080



4290969543



4290693929



4284186718



4278190080



4286611584



# Same Dimension

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



4280929080



4278910753



4280929160



4284245597



4278232591



4278199812



# Inverse Universe

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



4291504572



4294904552



4291504492



4284898405



4289069206



4280680483



# Previews

## White Background



This preview shows how the Android color 4280929080 looks on a white background.

## Color Contrast Check

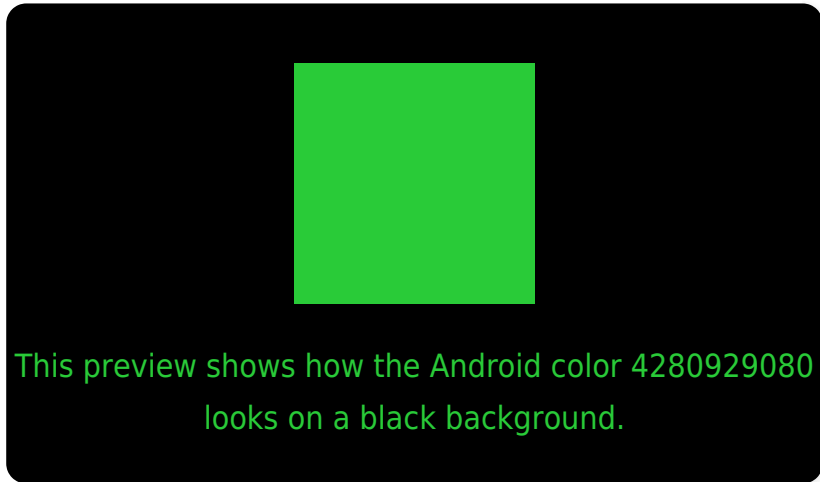
Large Text (above 18pt) WCAG AA × Fail

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 4280929080 Background



This preview shows how black text looks on a background with the Android color 4280929080.



This preview shows how white text looks on a background with the Android color 4280929080.

# 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**

4280929080



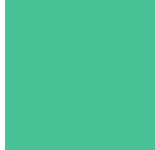
**Protanomaly**

4287412532



**Deuteranomaly**

4288262977



**Tritanomaly**

4283024023

# Monochromacy



**Original Color**

4280929080



**Achromatopsia**

4287269514



**Achromatomaly**

4284981868

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280929080 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(41, 203, 56)` looks like.

```
.text, #text, p{  
    color:rgb(41, 203, 56)  
}
```

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(41, 203, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 203, 56) }
```

## Border

The CSS property to change the border of an element to Android 4280929080 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(41, 203, 56) }
```

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

```
.border{ border-color:rgb(41, 203, 56) }
```

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

Here you see how a box with a 4 pixel rgb(41, 203, 56) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 203, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 203, 56);  
box-shadow:4px 4px 4px 4px rgb(41, 203,  
56) }
```

# Background

The CSS property to change the background color of an element to Android 4280929080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 203, 56) }
```

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

```
.background{ background-color: rgb(41, 203,  
56) }
```

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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