

# Converting Colors

Android(4288010537)

Have a look what the booklet for  
Android(4288010537) contains.

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# **Color**

**Android(4288010537)**

# Conversions

## Conversions Part 1

Format	Color
Hex	95D929
RGB	149, 217, 41
RGB Percent	58%, 85%, 16%
CMY	0.4157, 0.1490, 0.8392
CMYK	0.31, 0.00, 0.81, 0.15
HSL	83°, 70%, 51%
HSV	83°, 81%, 85%
XYZ	37.6075, 56.1754, 10.9586
YIQ	176.6040, 15.9680, -69.1520

# Conversions

## Conversions Part 2

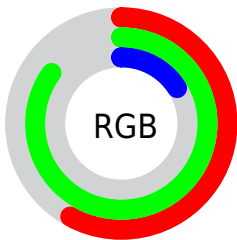
<b>Format</b>	<b>Color</b>
<b>RYB</b>	41, 217, 109
Decimal	9820457
CIELab	79.71, -45.49, 71.99
CIELCh	80, 85.159, 122.287
Yxy	56.1754, 0.3591, 0.5363
Android (android.graphics.Color)	4288010537 (0xFF95D929)
YUV	176.6040, -66.8528, -24.2087
Hunter-Lab	74.9502, -41.5976, 43.7962

# Details

The Android color **4288010537** is a dark color, and the websafe version is hex **99CC00**. The color can be described as middle washed chartreuse. A complement of this color would be **4285344217**, and the grayscale version is **4289835441**.

A 20% lighter version of the original color is **4291886951**, and **4284195328** is the 20% darker color. If you saturate the color by 10%, you get **4287486227**, and if you desaturate by 10%, it is **4288534847**.

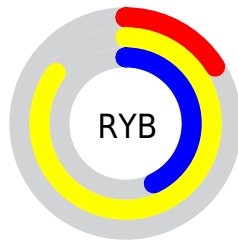
# Distribution



Red (58%)

Green (85%)

Blue (16%)



Red (16%)

Yellow (85%)

Blue (43%)

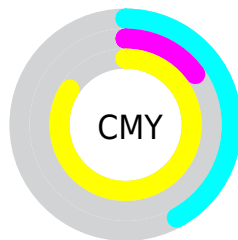


Cyan (31%)

Magenta (0%)

Yellow (81%)

Black (15%)



Cyan (42%)

Magenta (15%)

Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4288010537 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 4288010537 by changing the saturation by 10% instead.





4288010537



4288010537

4294967295



4286102784



4291886951



4284195328



4293853059



4282222336



4294967200



4280052992



4294967229



4278211584



4294967258



4278205440



4294967288



4278200064



4278190080



4288010537



4288010537

■ 4287486227

■ 4288534847

■ 4286961920

■ 4289124692

■ 4289649002

■ 4290238848

■ 4290763157

■ 4291287467

■ 4291877313

■ 4292401623

■ 4292925932

# Harmonies

## Analogous

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



4293313536



4288010537



4278248823

# Triad

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



4288010537



4278247935



4294931139

# Complementary

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



4288010537



4285344217

# 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.



4294936831



4288010537



4278242815

# Square

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



4288010537



4278249983



4291604223



4294935413

# Rectangle

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



4288010537



4278249902



4291604223



4294932190

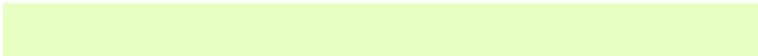


# Sweetspot

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



4288010537



4293394370



4292439081



4285628507



4278190080



4286611584



# Same Dimension

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



4288010537



4288675592



4282308905



4285099619



4285181184



4280036864



# Inverse Universe

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



4285344217



4284942591



4291045849



4284965742



4282581165



4279369774



# Previews

## White Background



This preview shows how the Android color 4288010537 looks on a white background.

## Color Contrast Check

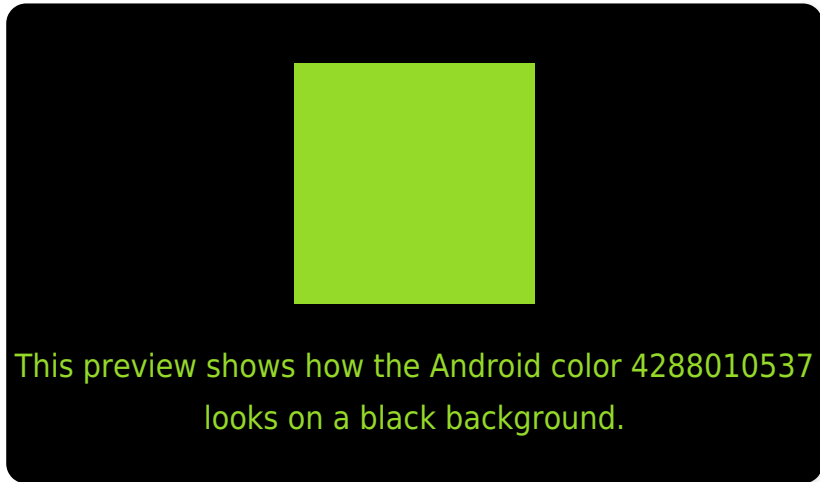
Large Text (above 18pt) WCAG AA × Fail

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 4288010537 Background



This preview shows how black text looks on a background with the Android color 4288010537.



This preview shows how white text looks on a background with the Android color 4288010537.

# 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**  
4288010537



**Protanomaly**  
4291021862



**Deuteranomaly**  
4292068915

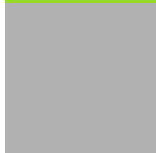


**Tritanomaly**  
4288860058

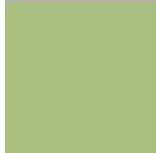
# Monochromacy



**Original Color**  
4288010537



**Achromatopsia**  
4289835441



**Achromatomaly**  
4289183872

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4288010537 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(149, 217, 41)` looks like.

```
.text, #text, p{  
    color:rgb(149, 217, 41)  
}
```

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(149, 217, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 217, 41) }
```

## Border

The CSS property to change the border of an element to Android 4288010537 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(149, 217, 41) }
```

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

```
.border{ border-color:rgb(149, 217, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 217, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 217, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 217, 41);  
box-shadow:4px 4px 4px 4px rgb(149, 217,  
41) }
```

# Background

The CSS property to change the background color of an element to Android 4288010537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 217, 41) }
```

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

```
.background{ background-color: rgb(149,  
217, 41) }
```

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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