

# Converting Colors

Android(4287877418)

Have a look what the booklet for  
Android(4287877418) contains.

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# **Color**

**Android(4287877418)**

# Conversions

## Conversions Part 1

Format	Color
Hex	93D12A
RGB	147, 209, 42
RGB Percent	58%, 82%, 16%
CMY	0.4235, 0.1804, 0.8353
CMYK	0.30, 0.00, 0.80, 0.18
HSL	82°, 67%, 49%
HSV	82°, 80%, 82%
XYZ	35.2510, 51.9711, 10.3640
YIQ	171.4240, 16.6550, -65.0810

# Conversions

## Conversions Part 2

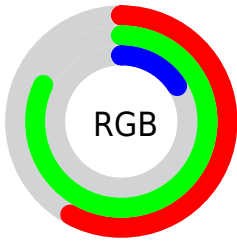
<b>Format</b>	<b>Color</b>
<b>RYB</b>	42, 209, 104
Decimal	9687338
CIELab	77.26, -42.76, 69.48
CIELCh	77, 81.586, 121.609
Yxy	51.9711, 0.3612, 0.5326
Android (android.graphics.Color)	4287877418 (0xFF93D12A)
YUV	171.4240, -63.8060, -21.4198
Hunter-Lab	72.0910, -38.8765, 41.9400

# Details

The Android color `4287877418` is a dark color, and the websafe version is hex `99CC33`. The color can be described as middle washed chartreuse. A complement of this color would be `4285016785`, and the grayscale version is `4289506476`.

A 20% lighter version of the original color is `4291690342`, and `4284127744` is the 20% darker color. If you saturate the color by 10%, you get `4287353109`, and if you desaturate by 10%, it is `4288401727`.

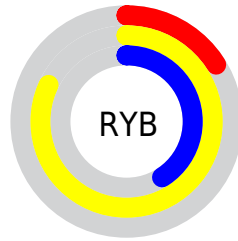
# Distribution



Red (58%)

Green (82%)

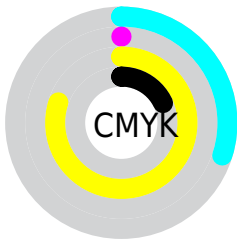
Blue (16%)



Red (16%)

Yellow (82%)

Blue (41%)

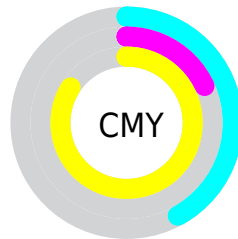


Cyan (30%)

Magenta (0%)

Yellow (80%)

Black (18%)



Cyan (42%)

Magenta (18%)

Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4287877418 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 4287877418 by changing the saturation by 10% instead.



 4287877418

 4287877418

4294967295

 4285969664

 4291690342

 4284127744

 4293656451

 4282220544

 4294967199

 4280051200

 4294967228

 4278210048

 4294967257

 4278203904

 4294967286

 4278198528

 4278190080

 4287877418

 4287877418

■ 4287353109

■ 4288401727

■ 4286828800

■ 4288926036

■ 4289384809

■ 4289909118

■ 4290433427

■ 4290957735

■ 4291416508

■ 4291940817

■ 4292465126

# Harmonies

## Analogous

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



4292852992



4287877418



4278246771

# Triad

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



4287877418



4278245887



4294930878

# Complementary

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



4287877418



4285016785

# 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.



4294936063



4287877418



4278241279

# Square

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



4287877418



4278247935



4290947583



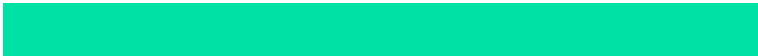
4294934388

# Rectangle

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



4287877418



4278247846



4290947583



4294931671

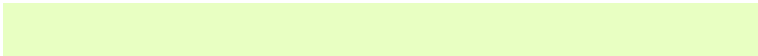


# Sweetspot

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



4287877418



4293459906



4291913514



4285694043



4278190080



4286611584



# Same Dimension

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



4287877418



4289003274



4282437930



4284836190



4285179904



4279904512



# Inverse Universe

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



4285016785



4284812031



4290456273



4284636777



4282253480



4279173161



# Previews

## White Background



This preview shows how the Android color 4287877418 looks on a white background.

## Color Contrast Check

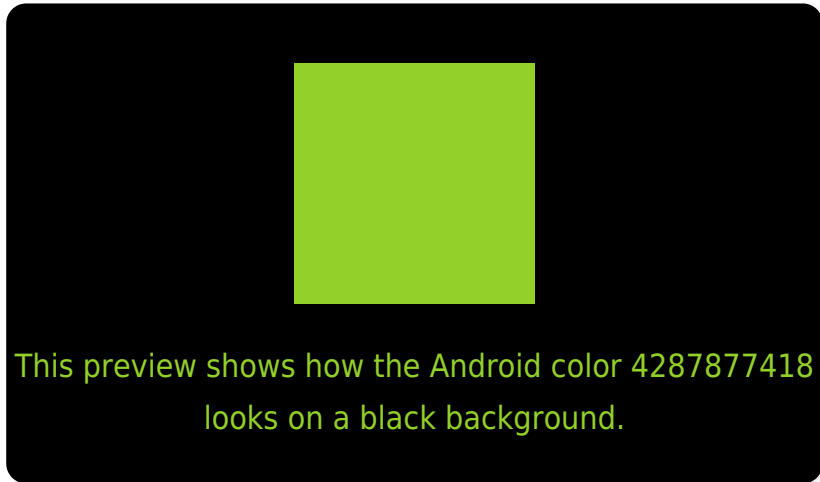
Large Text (above 18pt) WCAG AA × Fail

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 4287877418 Background



This preview shows how black text looks on a background with the Android color 4287877418.



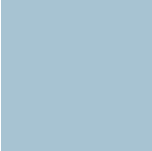
This preview shows how white text looks on a background with the Android color 4287877418.

# 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





**Tritanopia**  
4289184722

# Trichromacy



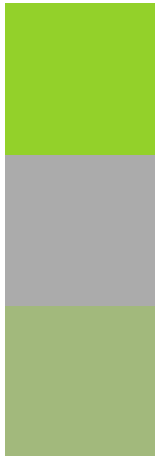
**Original Color**  
4287877418

**Protanomaly**  
4290692391

**Deuteranomaly**  
4291673907

**Tritanomaly**  
4288727189

# Monochromacy



**Original Color**  
4287877418

**Achromatopsia**  
4289440683

**Achromatomaly**  
4288854396

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4287877418 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(147, 209, 42)` looks like.

```
.text, #text, p{  
    color:rgb(147, 209, 42)  
}
```

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(147, 209, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 209, 42) }
```

## Border

The CSS property to change the border of an element to Android 4287877418 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(147, 209, 42) }
```

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

```
.border{ border-color:rgb(147, 209, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 209, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 209, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 209, 42);  
box-shadow:4px 4px 4px 4px rgb(147, 209,  
42) }
```

# Background

The CSS property to change the background color of an element to Android 4287877418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 209, 42) }
```

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

```
.background{ background-color: rgb(147,  
209, 42) }
```

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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