

# Converting Colors

Android(4288400422)

Have a look what the booklet for  
Android(4288400422) contains.

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# **Color**

**Android(4288400422)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9BCC26
RGB	155, 204, 38
RGB Percent	61%, 80%, 15%
CMY	0.3922, 0.2000, 0.8510
CMYK	0.24, 0.00, 0.81, 0.20
HSL	78°, 69%, 47%
HSV	78°, 81%, 80%
XYZ	35.4603, 50.2942, 9.6725
YIQ	170.4250, 24.0820, -62.0140

# Conversions

## Conversions Part 2

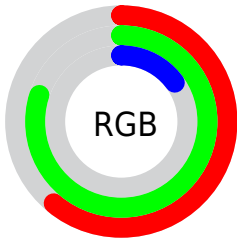
Format	Color
<b>RYB</b>	38, 204, 87
Decimal	10210342
CIELab	76.25, -37.68, 69.81
CIELCh	76, 79.331, 118.358
Yxy	50.2942, 0.3716, 0.5270
Android (android.graphics.Color)	4288400422 (0xFF9BCC26)
YUV	170.4250, -65.2855, -13.5277
Hunter-Lab	70.9184, -34.8546, 41.5564

# Details

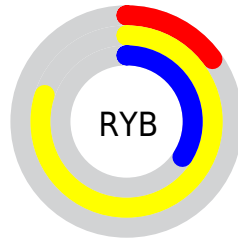
The Android color **4288400422** is a dark color, and the websafe version is hex **99CC33**. The color can be described as dark muted chartreuse. A complement of this color would be **4283901644**, and the grayscale version is **4289440683**.

A 20% lighter version of the original color is **4292214627**, and **4284651008** is the 20% darker color. If you saturate the color by 10%, you get **4288007186**, and if you desaturate by 10%, it is **4288793658**.

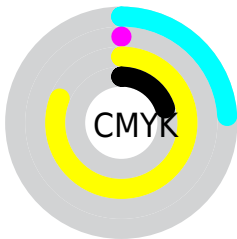
# Distribution



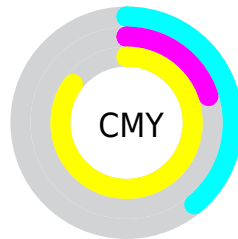
- Red (61%)
- Green (80%)
- Blue (15%)



- Red (15%)
- Yellow (80%)
- Blue (34%)



- Cyan (24%)
- Magenta (0%)
- Yellow (81%)
- Black (20%)



- Cyan (39%)
- Magenta (20%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4288400422 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 4288400422 by changing the saturation by 10% instead.





4288400422



4288400422

4294967295



4286558208



4292214627



4284651008



4294180735



4282809088



4294967196



4280902144



4294967224



4278209024



4294967253



4278203136



4294967283



4278197760



4278190080



4288400422



4288400422

■ 4288007186

■ 4288793658

■ 4287679488

■ 4289186895

■ 4289580131

■ 4289973368

■ 4290366604

■ 4290759840

■ 4291153077

■ 4291546313

■ 4291939550

# Harmonies

## Analogous

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



4293113600



4288400422



4278966379

# Triad

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



4288400422



4278245375



4294931139

# Complementary

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



4288400422



4283901644

# 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



4288400422



4278241023

# Square

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



4288400422



4278247167



4289899263



4294933627

# Rectangle

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



4288400422



4278246556



4289899263



4294932188

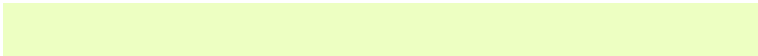


# Sweetspot

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



4288400422



4293787586



4291581222



4285890651



4278190080



4286611584



# Same Dimension

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



4288400422



4290117381



4283092006



4284704348



4285900288



4279969280



# Inverse Universe

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



4283901644



4283368959



4289210060



4284439654



4281401510



4278911014



# Previews

## White Background



This preview shows how the Android color 4288400422 looks on a white background.

## Color Contrast Check

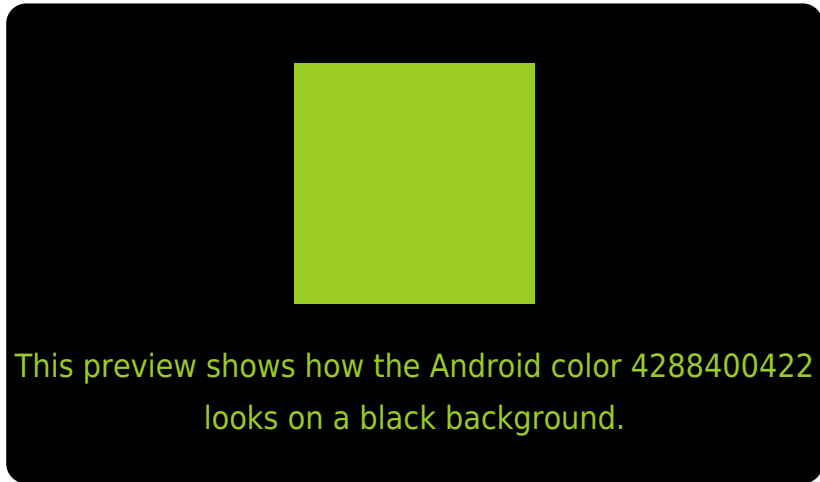
Large Text (above 18pt) WCAG AA × Fail

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 4288400422 Background



This preview shows how black text looks on a background with the Android color 4288400422.



This preview shows how white text looks on a background with the Android color 4288400422.

# 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



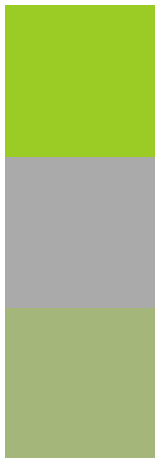
**Original Color**  
4288400422

**Protanomaly**  
4290757155

**Deuteranomaly**  
4291738415

**Tritanomaly**  
4289119120

# Monochromacy



**Original Color**  
4288400422

**Achromatopsia**  
4289374890

**Achromatomaly**  
4289050234

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4288400422 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(155, 204, 38)` looks like.

```
.text, #text, p{  
    color:rgb(155, 204, 38)  
}
```

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(155, 204, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 204, 38) }
```

## Border

The CSS property to change the border of an element to Android 4288400422 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(155, 204, 38) }
```

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

```
.border{ border-color:rgb(155, 204, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 204, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 204, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 204, 38);  
box-shadow:4px 4px 4px 4px rgb(155, 204,  
38) }
```

# Background

The CSS property to change the background color of an element to Android 4288400422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 204, 38) }
```

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

```
.background{ background-color: rgb(155,  
204, 38) }
```

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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