

# Converting Colors

Android(4289975594)

Have a look what the booklet for  
Android(4289975594) contains.

<b>Android(4289975594)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Android(4289975594)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B3D52A
RGB	179, 213, 42
RGB Percent	70%, 84%, 16%
CMY	0.2980, 0.1647, 0.8353
CMYK	0.16, 0.00, 0.80, 0.16
HSL	72°, 67%, 50%
HSV	72°, 80%, 84%
XYZ	42.8026, 57.3394, 11.0022
YIQ	183.3400, 34.6270, -60.3890

# Conversions

## Conversions Part 2

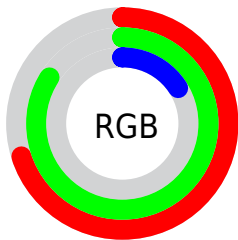
Format	Color
R <sub>Y</sub> B	42, 213, 76
Decimal	11785514
CIE Lab	80.37, -32.14, 73.00
CIE LCh	80, 79.763, 113.762
Yxy	57.3394, 0.3851, 0.5159
Android (android.graphics.Color)	4289975594 (0xFFB3D52A)
YUV	183.3400, -69.6806, -3.8062
Hunter-Lab	75.7228, -31.6171, 44.3914

# Details

The Android color **4289975594** 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 **4283181781**, and the grayscale version is **4290295992**.

A 20% lighter version of the original color is **4293853031**, and **4286225920** is the 20% darker color. If you saturate the color by 10%, you get **4289713429**, and if you desaturate by 10%, it is **4290237759**.

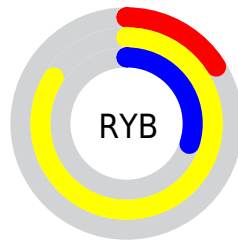
# Distribution



Red (70%)

Green (84%)

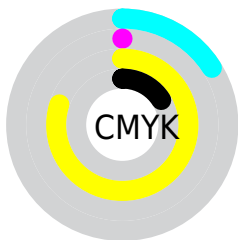
Blue (16%)



Red (16%)

Yellow (84%)

Blue (30%)

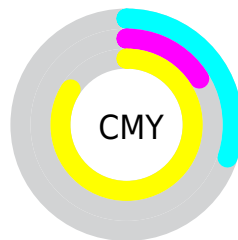


Cyan (16%)

Magenta (0%)

Yellow (80%)

Black (16%)



Cyan (30%)

Magenta (16%)

Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4289975594 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 4289975594 by changing the saturation by 10% instead.





4289975594



4289975594

4294967295



4288067840



4293853031



4286225920



4294967172



4284384256



4294967201



4282542848



4294967229



4280635904



4294967259



4278270720



4294967288



4278199808



4278190848



4278190080

■ 4289975594

■ 4289975594

■ 4289713429

■ 4290237759

■ 4289451264

■ 4290499925

■ 4290827626

■ 4291089791

■ 4291351957

■ 4291614122

■ 4291941823

■ 4292203988

■ 4292466154

# Harmonies

## Analogous

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



4294622745



4289975594



4283163498

# Triad

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



4289975594



4278248703



4294934490

# Complementary

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



4289975594



4283181781

# 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.



4294941183



4289975594



4278244863

# Square

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



4289975594



4278250239



4289313535



4294935696

# Rectangle

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



4289975594



4278249627



4289313535



4294936051

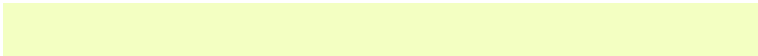


# Sweetspot

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



4289975594



4294180802



4292167978



4286087259



4278190080



4286611584



# Same Dimension

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



4289975594



4291755786



4284536106



4285098848



4287212288



4280494848



# Inverse Universe

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



4283181781



4282059519



4288621269



4284702827



4280418475



4278779947



# Previews

## White Background



This preview shows how the Android color 4289975594 looks on a white background.

## Color Contrast Check

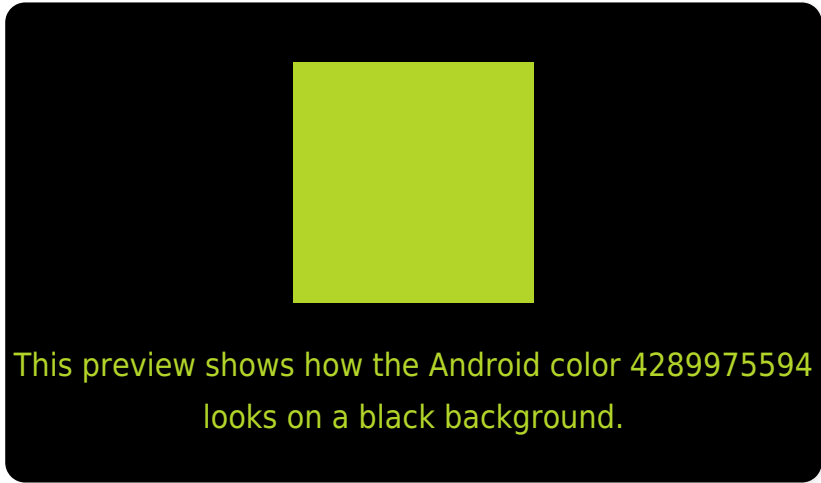
Large Text (above 18pt) WCAG AA × Fail

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 4289975594 Background



This preview shows how black text looks on a background with the Android color 4289975594.



This preview shows how white text looks on a background with the Android color 4289975594.

# 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](#).

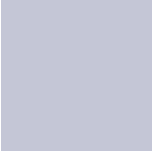
## Dichromacy



**Original Color**  
4289975594

**Protanopia**  
4292921126

**Deuteranopia**  
4294622519



**Tritanopia**  
4291086038

# Trichromacy



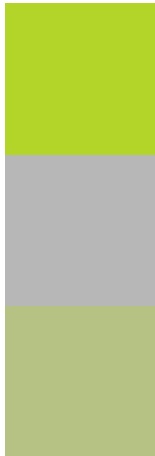
**Original Color**  
4289975594

**Protanomaly**  
4291873831

**Deuteranomaly**  
4292920882

**Tritanomaly**  
4290694039

# Monochromacy



**Original Color**  
4289975594

**Achromatopsia**  
4290230199

**Achromatomaly**  
4290167428

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4289975594 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(179, 213, 42)` looks like.

```
.text, #text, p{  
    color:rgb(179, 213, 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(179, 213, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 213, 42) }
```

## Border

The CSS property to change the border of an element to Android 4289975594 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(179, 213, 42) }
```

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

```
.border{ border-color:rgb(179, 213, 42) }
```

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

Here you see how a box with a 4 pixel rgb(179, 213, 42) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 213, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 213, 42);  
box-shadow:4px 4px 4px 4px rgb(179, 213,  
42) }
```

# Background

The CSS property to change the background color of an element to Android 4289975594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 213, 42) }
```

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

```
.background{ background-color: rgb(179,  
213, 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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor