

# Converting Colors

Android(4289580357)

Have a look what the booklet for  
Android(4289580357) contains.

<b>Android(4289580357)</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(4289580357)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ADCD45
RGB	173, 205, 69
RGB Percent	68%, 80%, 27%
CMY	0.3216, 0.1961, 0.7294
CMYK	0.16, 0.00, 0.66, 0.20
HSL	74°, 58%, 54%
HSV	74°, 66%, 80%
XYZ	40.1391, 52.9766, 13.7402
YIQ	179.9280, 24.5840, -49.0800

# Conversions

## Conversions Part 2

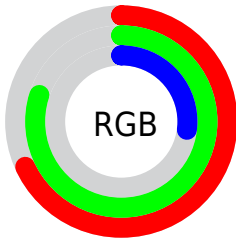
<b>Format</b>	<b>Color</b>
<b>RYB</b>	69, 205, 101
Decimal	11390277
CIELab	77.86, -29.45, 61.51
CIELCh	78, 68.197, 115.580
Yxy	52.9766, 0.3756, 0.4958
Android (android.graphics.Color)	4289580357 (0xFFADCD45)
YUV	179.9280, -54.6875, -6.0759
Hunter-Lab	72.7850, -28.9355, 39.7569

# Details

The Android color `4289580357` is a dark color, and the websafe version is hex `99CC33`. The color can be described as middle muted chartreuse. A complement of this color would be `4284827085`, and the grayscale version is `4290032820`.

A 20% lighter version of the original color is `4293394300`, and `4285896448` is the 20% darker color. If you saturate the color by 10%, you get `4289252656`, and if you desaturate by 10%, it is `4289908057`.

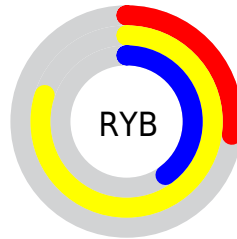
# Distribution



Red (68%)

Green (80%)

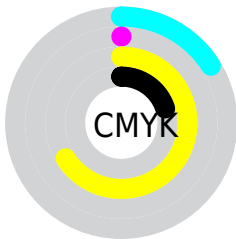
Blue (27%)



Red (27%)

Yellow (80%)

Blue (40%)

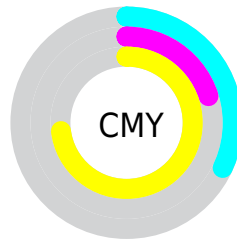


Cyan (16%)

Magenta (0%)

Yellow (66%)

Black (20%)



Cyan (32%)

Magenta (20%)

Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4289580357 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 4289580357 by changing the saturation by 10% instead.





4289580357



4289580357

4294967295



4287738152



4293394300



4285896448



4294967191



4284120320



4294967220



4282344448



4294967248



4280503296



4294967277



4278334720



4278198528



4278190080



4289580357



4289580357

■ 4289252656

■ 4289908057

■ 4288924956

■ 4290235758

■ 4288662791

■ 4290497923

■ 4288531712

■ 4290825623

■ 4291153323

■ 4291481024

■ 4291808724

■ 4292136425

■ 4292398589

# Harmonies

## Analogous

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



4293573176



4289580357



4284078453

# Triad

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



4289580357



4278245887



4294936525

# Complementary

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



4289580357



4284827085

# 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



4289580357



4278242047

# Square

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



4289580357



4278247413



4289901823



4294937742

# Rectangle

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



4289580357



4278246815



4289901823



4294937570

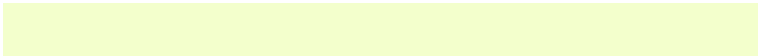


# Sweetspot

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



4289580357



4294180812



4291650885



4286087265



4278190080



4286611584



# Same Dimension

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



4289580357



4291821363



4285123909



4284769884



4286555648



4280100352



# Inverse Universe

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



4284827085



4284691455



4289283533



4284374118



4280746150



4278779942



# Previews

## White Background



This preview shows how the Android color 4289580357 looks on a white background.

## Color Contrast Check

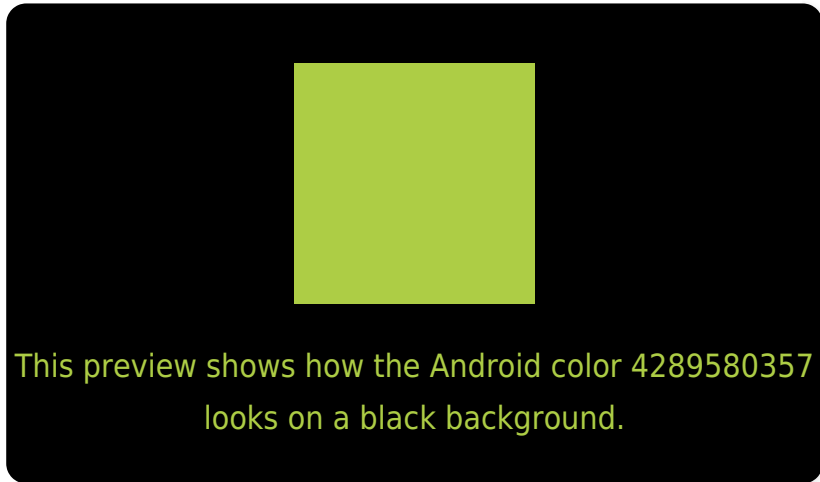
Large Text (above 18pt) WCAG AA × Fail

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 4289580357 Background



This preview shows how black text looks on a background with the Android color 4289580357.



This preview shows how white text looks on a background with the Android color 4289580357.

# 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



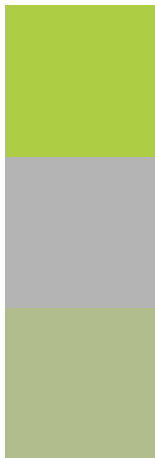
**Original Color**  
4289580357

**Protanomaly**  
4291347779

**Deuteranomaly**  
4292329034

**Tritanomaly**  
4290233757

# Monochromacy



**Original Color**  
4289580357

**Achromatopsia**  
4290032820

**Achromatomaly**  
4289838476

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4289580357 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(173, 205, 69)` looks like.

```
.text, #text, p{  
    color:rgb(173, 205, 69)  
}
```

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(173, 205, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 205, 69) }
```

## Border

The CSS property to change the border of an element to Android 4289580357 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(173, 205, 69) }
```

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

```
.border{ border-color:rgb(173, 205, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 205, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 205, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 205, 69);  
box-shadow:4px 4px 4px 4px rgb(173, 205,  
69) }
```

# Background

The CSS property to change the background color of an element to Android 4289580357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 205, 69) }
```

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

```
.background{ background-color: rgb(173,  
205, 69) }
```

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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