

# Converting Colors

Android(4289966901)

Have a look what the booklet for  
Android(4289966901) contains.

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# **Color**

**Android(4289966901)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B3B335
RGB	179, 179, 53
RGB Percent	70%, 70%, 21%
CMY	0.2980, 0.2980, 0.7922
CMYK	0.00, 0.00, 0.70, 0.30
HSL	60°, 54%, 45%
HSV	60°, 70%, 70%
XYZ	35.3531, 42.0809, 9.6273
YIQ	164.6360, 40.4460, -39.1860

# Conversions

## Conversions Part 2

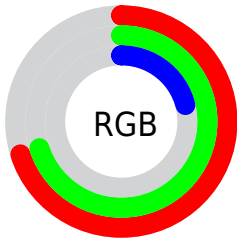
<b>Format</b>	<b>Color</b>
<b>RYB</b>	53, 179, 53
Decimal	11776821
CIELab	70.93, -15.10, 60.77
CIElCh	71, 62.621, 103.954
Yxy	42.0809, 0.4061, 0.4833
Android (android.graphics.Color)	4289966901 (0xFFB3B335)
YUV	164.6360, -55.0365, 12.5972
Hunter-Lab	64.8698, -16.2423, 36.6097

# Details

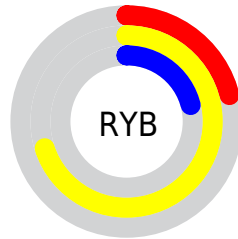
The Android color **4289966901** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **4281677235**, and the grayscale version is **4289045925**.

A 20% lighter version of the original color is **4293782380**, and **4286283520** is the 20% darker color. If you saturate the color by 10%, you get **4289966883**, and if you desaturate by 10%, it is **4289966919**.

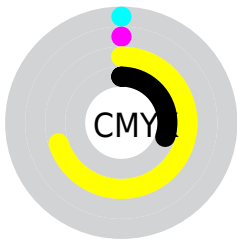
# Distribution



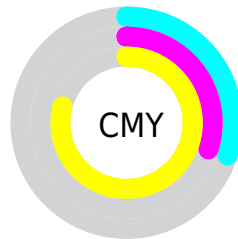
- Red (70%)
- Green (70%)
- Blue (21%)



- Red (21%)
- Yellow (70%)
- Blue (21%)



- Cyan (0%)
- Magenta (0%)
- Yellow (70%)
- Black (30%)



- Cyan (30%)
- Magenta (30%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4289966901 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 4289966901 by changing the saturation by 10% instead.





4289966901



4289966901

4294967295



4288124949



4293782380



4286283520



4294967175



4284507648



4294967203



4282732032



4294967231



4281022208



4294967260



4279378432



4294967289



4278191616



4278190080



4289966901



4289966901

■ 4289966883

■ 4289966919

■ 4289966865

■ 4289966937

■ 4289966848

■ 4289966955

■ 4289966973

■ 4289966991

■ 4289967008

■ 4289967026

■ 4289967044

■ 4289967062

# Harmonies

## Analogous

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



4293304379



4289966901



4285775959

# Triad

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



4289966901



4278241019



4294934223

# Complementary

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



4289966901



4281677235

# 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.



4292056063



4289966901



4278238463

# Square

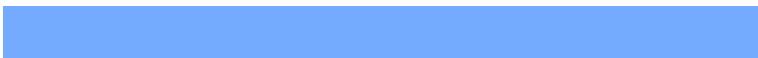
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4289966901



4278241735



4285901823



4294933141

# Rectangle

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



4289966901



4281058937



4285901823



4294542561



# Sweetspot

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



4289966901



4293454007



4289934645



4285887832



4294309365



4285887861



# Same Dimension

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



4289966901



4293453861



4285838133



4284045648



4288256256



4279900672



# Inverse Universe

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



4281677235



4280624616



4285806003



4283453529



4278190233



4278190106



# Previews

## White Background



This preview shows how the Android color 4289966901 looks on a white background.

## Color Contrast Check

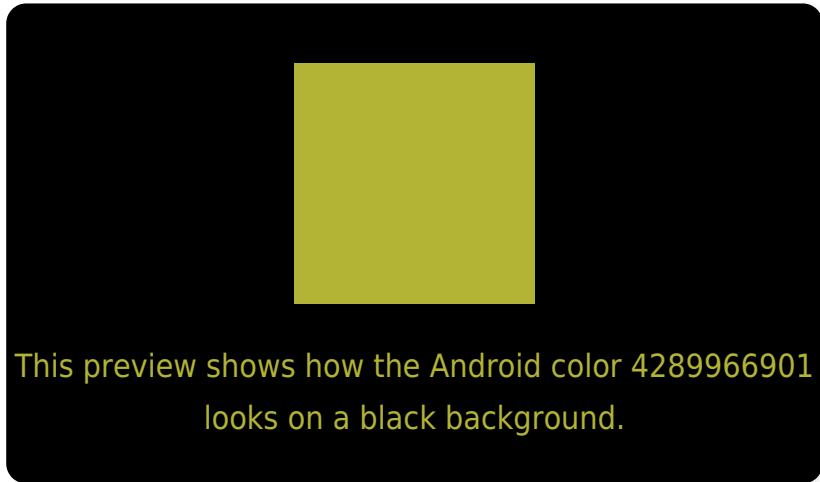
Large Text (above 18pt) WCAG AA × Fail

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 4289966901 Background



This preview shows how black text looks on a background with the Android color 4289966901.



This preview shows how white text looks on a background with the Android color 4289966901.

# 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**  
4289966901

**Protanopia**  
4290948660

**Deuteranopia**  
4292453690



**Tritanopia**  
4290684852

# Trichromacy



**Original Color**  
4289966901

**Protanomaly**  
4290621492

**Deuteranomaly**  
4291537464

**Tritanomaly**  
4290423686

# Monochromacy



**Original Color**  
4289966901

**Achromatopsia**  
4289045925

**Achromatomaly**  
4289374844

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4289966901 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, 179, 53)` looks like.

```
.text, #text, p{  
    color:rgb(179, 179, 53)  
}
```

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, 179, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 179, 53) }
```

## Border

The CSS property to change the border of an element to Android 4289966901 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, 179, 53) }
```

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

```
.border{ border-color:rgb(179, 179, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 179, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 179, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 179, 53);  
box-shadow:4px 4px 4px 4px rgb(179, 179,  
53) }
```

# Background

The CSS property to change the background color of an element to Android 4289966901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 179, 53) }
```

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

```
.background{ background-color: rgb(179,  
179, 53) }
```

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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