

# Converting Colors

Android(4289700643)

Have a look what the booklet for  
Android(4289700643) contains.

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# **Color**

**Android(4289700643)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AFA323
RGB	175, 163, 35
RGB Percent	69%, 64%, 14%
CMY	0.3137, 0.3608, 0.8627
CMYK	0.00, 0.07, 0.80, 0.31
HSL	55°, 67%, 41%
HSV	55°, 80%, 69%
XYZ	31.0798, 35.4297, 6.7906
YIQ	151.9960, 48.2400, -37.2640

# Conversions

## Conversions Part 2

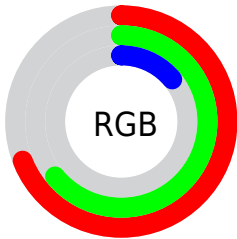
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">48, 175, 35</a>
Decimal	<a href="#">11510563</a>
CIELab	<a href="#">66.08, -9.33, 62.21</a>
CIELCh	<a href="#">66, 62.903, 98.532</a>
Yxy	<a href="#">35.4297, 0.4240, 0.4834</a>
Android (android.graphics.Color)	<a href="#">4289700643 (0xFFAFA323)</a>
YUV	<a href="#">151.9960, -57.6790, 20.1745</a>
Hunter-Lab	<a href="#">59.5228, -10.9615, 34.9019</a>

# Details

The Android color **4289700643** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **4280496047**, and the grayscale version is **4288256409**.

A 20% lighter version of the original color is **4293581404**, and **4285952000** is the 20% darker color. If you saturate the color by 10%, you get **4289700113**, and if you desaturate by 10%, it is **4289700917**.

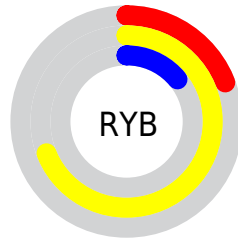
# Distribution



Red (69%)

Green (64%)

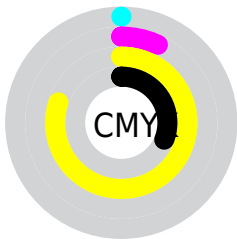
Blue (14%)



Red (19%)

Yellow (69%)

Blue (14%)

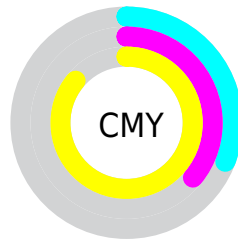


Cyan (0%)

Magenta (7%)

Yellow (80%)

Black (31%)



Cyan (31%)

Magenta (36%)

Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4289700643 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 4289700643 by changing the saturation by 10% instead.





4289700643



4289700643

4294967295



4287793408



4293581404



4285952000



4294964855



4284241664



4294967187



4282466304



4294967214



4280756992



4294967243



4278851328



4294967272



4278190080



4289700643



4289700643



4289700113



4289700917

■ 4289699840

■ 4289701446

■ 4289701976

■ 4289702249

■ 4289702778

■ 4289703052

■ 4289703582

■ 4289703855

■ 4289704385

# Harmonies

## Analogous

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



4292841267



4289700643



4285706562

# Triad

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



4289700643



4278237926



4294014155

# Complementary

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



4289700643



4280496047

# 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.



4290284537



4289700643



4278235903

# Square

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



4289700643



4278238384



4282819327



4294929299

# Rectangle

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



4289700643



4281644899



4282819327



4293032668



# Sweetspot

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



4289700643



4293123756



4289667889



4285755473



4294111986



4285756275



# Same Dimension

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



4289700643



4293120009



4286033699



4283913806



4288055808



4279702784



# Inverse Universe

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



4280496047



4278787299



4284162991



4283322199



4278193558



4278190615



# Previews

## White Background



This preview shows how the Android color 4289700643 looks on a white background.

## Color Contrast Check

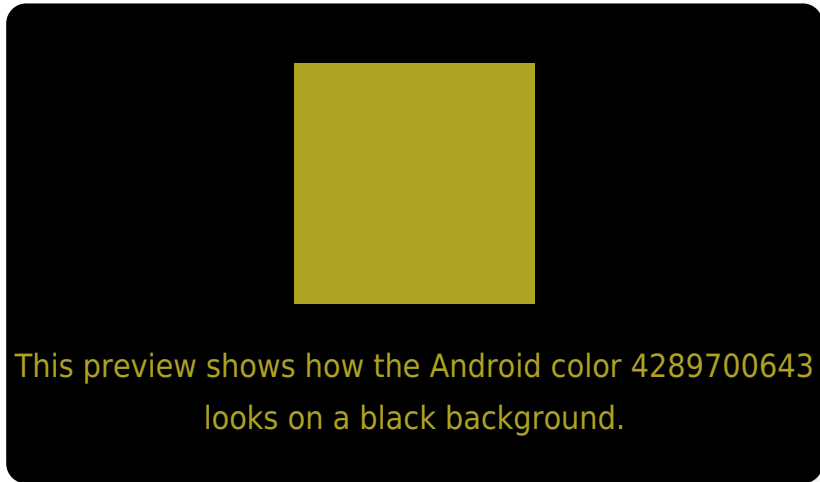
Large Text (above 18pt) WCAG AA × Fail

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 4289700643 Background



This preview shows how black text looks on a background with the Android color 4289700643.



This preview shows how white text looks on a background with the Android color 4289700643.

# 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**


4289700643

**Protanopia**

4290093346

**Deuteranopia**

4291467305



**Tritanopia**  
4290353316

# Trichromacy



**Original Color**  
4289700643

**Protanomaly**  
4289962530

**Deuteranomaly**  
4290812967

**Tritanomaly**  
4290092149

# Monochromacy



**Original Color**  
4289700643

**Achromatopsia**  
4288190616

**Achromatomaly**  
4288715885

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4289700643 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(175, 163, 35)` looks like.

```
.text, #text, p{  
    color:rgb(175, 163, 35)  
}
```

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(175, 163, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 163, 35) }
```

## Border

The CSS property to change the border of an element to Android 4289700643 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(175, 163, 35) }
```

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

```
.border{ border-color:rgb(175, 163, 35) }
```

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

Here you see how a box with a 4 pixel rgb(175, 163, 35) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 163, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 163, 35);  
box-shadow:4px 4px 4px 4px rgb(175, 163,  
35) }
```

# Background

The CSS property to change the background color of an element to Android 4289700643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 163, 35) }
```

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

```
.background{ background-color: rgb(175,  
163, 35) }
```

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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