

# Converting Colors

Android(4285023499)

Have a look what the booklet for  
Android(4285023499) contains.

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**Color**

**Android(4285023499)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	68450B
RGB	104, 69, 11
RGB Percent	41%, 27%, 4%
CMY	0.5922, 0.7294, 0.9569
CMYK	0.00, 0.34, 0.89, 0.59
HSL	37°, 81%, 23%
HSV	37°, 89%, 41%
XYZ	7.8974, 7.2235, 1.2946
YIQ	72.8530, 39.4780, -10.6180

# Conversions

## Conversions Part 2

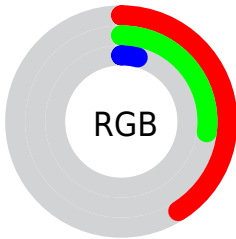
<b>Format</b>	<b>Color</b>
<b>RYB</b>	67, 104, 11
Decimal	6833419
CIELab	32.31, 9.95, 37.65
CIELCh	32, 38.937, 75.197
Yxy	7.2235, 0.4811, 0.4400
Android (android.graphics.Color)	4285023499 (0xFF68450B)
YUV	72.8530, -30.4935, 27.3159
Hunter-Lab	26.8765, 5.4169, 15.9576

# Details

The Android color **4285023499** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **4278922856**, and the grayscale version is **4282992969**.

A 20% lighter version of the original color is **4288640315**, and **4281604608** is the 20% darker color. If you saturate the color by 10%, you get **4285022465**, and if you desaturate by 10%, it is **4285024533**.

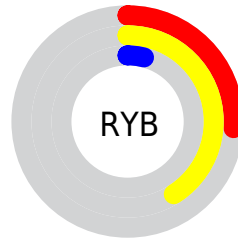
# Distribution



Red (41%)

Green (27%)

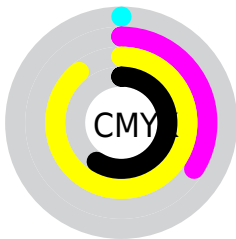
Blue (4%)



Red (26%)

Yellow (41%)

Blue (4%)

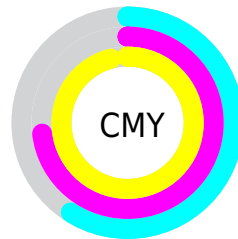


Cyan (0%)

Magenta (34%)

Yellow (89%)

Black (59%)



Cyan (59%)

Magenta (73%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285023499 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 4285023499 by changing the saturation by 10% instead.



 4285023499

 4285023499

 4294967285

 4283313920

 4288640315

 4281604608

 4290482004

 4280025088

 4292389229

 4278190080

 4294362246

 4294959265

 4294966716

 4294967256

 4285023499

 4285023499

■ 4285022465

■ 4285024533

■ 4285022464

■ 4285025568

■ 4285026602

■ 4285027637

■ 4285028671

■ 4285029449

■ 4285030484

■ 4285031518

■ 4285032553

# Harmonies

## Analogous

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



4286265378



4285023499



4283256584

# Triad

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



4285023499



4278213467



4284562808

# Complementary

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



4285023499



4278922856

# 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.



4281158279



4285023499



4278212983

# Square

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



4285023499



4278213179



4278211719



4286329180

# Rectangle

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



4285023499



4281816085



4278211719



4283712126



# Sweetspot

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



4285023499



4287068515



4285008687



4282727727



4291085508



4282729797



# Same Dimension

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



4285023499



4287058944



4284311563



4281545006



4285745152



4294088448



# Inverse Universe

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



4278922856



4278203271



4279634792



4281217075



4278201203



4278213618



# Previews

## White Background



This preview shows how the Android color 4285023499 looks on a white background.

## Color Contrast Check

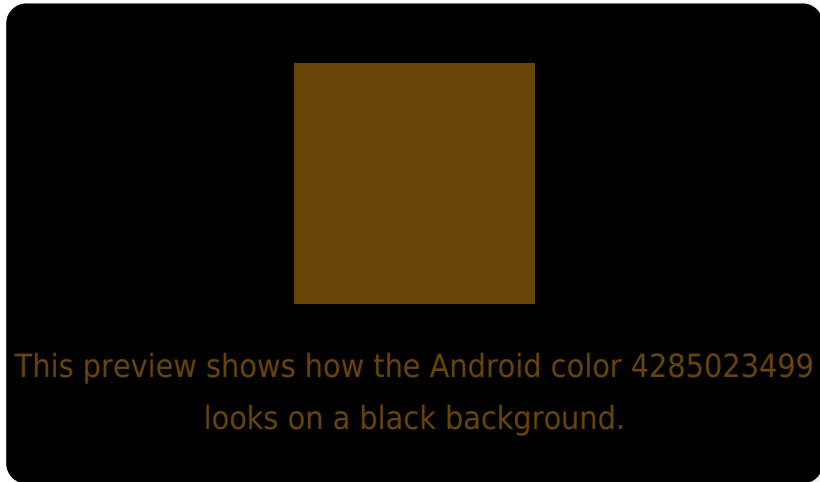
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4285023499 Background



This preview shows how black text looks on a background with the Android color 4285023499.



This preview shows how white text looks on a background with the Android color 4285023499.

# 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**

4285023499

**Protanopia**

4283845901

**Deuteranopia**

4284565767



# Trichromacy



**Original Color**  
4285023499

**Protanomaly**  
4284303884

**Deuteranomaly**  
4284762120

**Tritanomaly**  
4285153840

# Monochromacy



**Original Color**  
4285023499

**Achromatopsia**  
4282992969

**Achromatomaly**  
4283713586

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285023499 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(104, 69, 11)` looks like.

```
.text, #text, p{  
    color:rgb(104, 69, 11)  
}
```

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(104, 69, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 69, 11) }
```

## Border

The CSS property to change the border of an element to Android 4285023499 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(104, 69, 11) }
```

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

```
.border{ border-color:rgb(104, 69, 11) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 69, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 69, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 69, 11);  
box-shadow:4px 4px 4px 4px rgb(104, 69,  
11) }
```

# Background

The CSS property to change the background color of an element to Android 4285023499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 69, 11) }
```

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

```
.background{ background-color: rgb(104, 69,  
11) }
```

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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