

# Converting Colors

Android(4282731309)

Have a look what the booklet for  
Android(4282731309) contains.

<b>Android(4282731309)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Android(4282731309)**

# Conversions

## Conversions Part 1

Format	Color
Hex	454B2D
RGB	69, 75, 45
RGB Percent	27%, 29%, 18%
CMY	0.7294, 0.7059, 0.8235
CMYK	0.08, 0.00, 0.40, 0.71
HSL	72°, 25%, 24%
HSV	72°, 40%, 29%
XYZ	5.4440, 6.4868, 3.4478
YIQ	69.7860, 6.0540, -10.6020

# Conversions

## Conversions Part 2

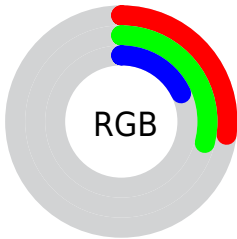
<b>Format</b>	<b>Color</b>
<b>RYB</b>	45, 75, 51
Decimal	4541229
CIELab	30.61, -8.16, 17.09
CIElCh	31, 18.937, 115.540
Yxy	6.4868, 0.3540, 0.4218
Android (android.graphics.Color)	4282731309 (0xFF454B2D)
YUV	69.7860, -12.2195, -0.6893
Hunter-Lab	25.4692, -6.4173, 9.8024

# Details

The Android color **4282731309** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **4281544011**, and the grayscale version is **4282795590**.

A 20% lighter version of the original color is **4285955163**, and **4279967488** is the 20% darker color. If you saturate the color by 10%, you get **4282665766**, and if you desaturate by 10%, it is **4282862389**.

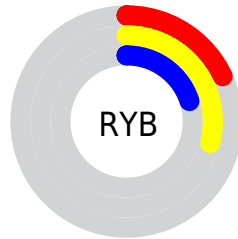
# Distribution



 Red (27%)

 Green (29%)

 Blue (18%)



 Red (18%)

 Yellow (29%)

 Blue (20%)

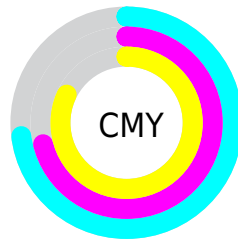


 Cyan (8%)

 Magenta (0%)

 Yellow (40%)

 Black (71%)



 Cyan (73%)

 Magenta (71%)

 Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282731309 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 4282731309 by changing the saturation by 10% instead.





4282731309



4282731309

4294967295



4281218072



4285955163



4279967488



4287665780



4278191104



4289376397



4278190080



4291218600



4293060803



4294901727



4294967292



4282731309



4282731309

■ 4282665766

■ 4282862389

■ 4282534686

■ 4282927932

■ 4282469143

■ 4283059012

■ 4282338063

■ 4283124555

■ 4282206983

■ 4283255635

■ 4282141440

■ 4283321178

■ 4283452258

■ 4283517801

■ 4283648881

# Harmonies

## Analogous

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



4283713067



4282731309



4281617975

# Triad

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



4282731309



4279848544



4284693835

# Complementary

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



4282731309



4281544011

# 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.



4284039257



4282731309



4281354853

# Square

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



4282731309



4279390292



4282860899



4284825148

# Rectangle

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



4282731309



4280832064



4282860899



4284497488



# Sweetspot

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



4282731309



4284440917



4283118381



4281282602



4289769648



4281348144



# Same Dimension

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



4282731309



4283982130



4281748269



4280624674



4283590144



4290307584



# Inverse Universe

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



4281544011



4282135137



4282527051



4280492582



4279500902



4281204966



# Previews

## White Background



This preview shows how the Android color 4282731309 looks on a white background.

## Color Contrast Check

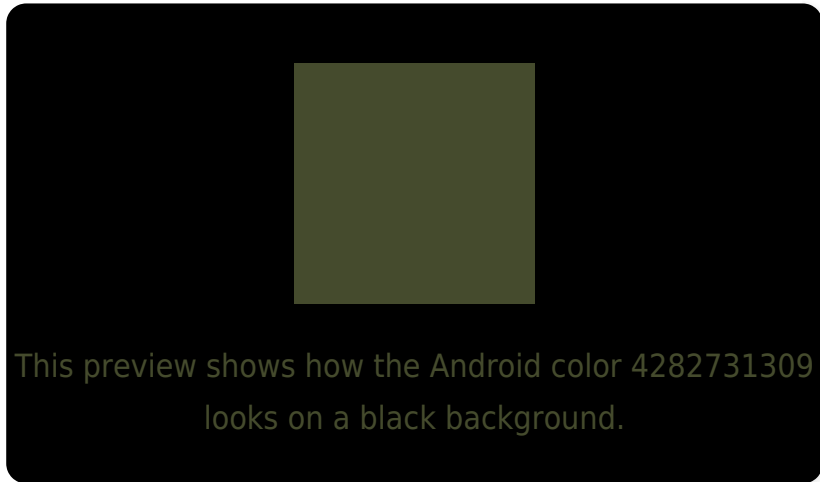
Large Text (above 18pt) WCAG AA ✓ Pass

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

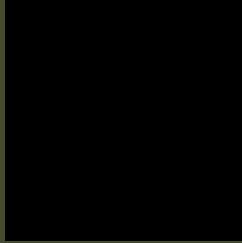
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

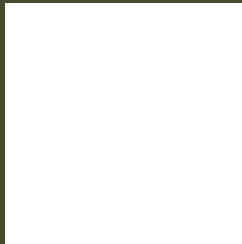
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4282731309 Background



This preview shows how black text looks on a background with the Android color 4282731309.

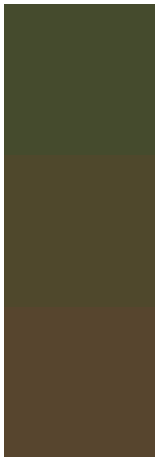


This preview shows how white text looks on a background with the Android color 4282731309.

# 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**  
4282731309

**Protanopia**  
4283385900

**Deuteranopia**  
4283909422



**Tritanopia**  
4282992461

# Trichromacy



**Original Color**

4282731309

**Protanomaly**

4283124012

**Deuteranomaly**

4283451182

**Tritanomaly**

4282927169

# Monochromacy



**Original Color**

4282731309

**Achromatopsia**

4282795590

**Achromatomaly**

4282796093

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282731309 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(69, 75, 45)` looks like.

```
.text, #text, p{  
    color:rgb(69, 75, 45)  
}
```

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(69, 75, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 75, 45) }
```

## Border

The CSS property to change the border of an element to Android 4282731309 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(69, 75, 45) }
```

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

```
.border{ border-color:rgb(69, 75, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 75, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 75, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 75, 45);  
box-shadow:4px 4px 4px 4px rgb(69, 75, 45)  
}
```

# Background

The CSS property to change the background color of an element to Android 4282731309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 75, 45) }
```

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

```
.background{ background-color: rgb(69, 75,  
45) }
```

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