

# Converting Colors

Android(4280438016)

Have a look what the booklet for  
Android(4280438016) contains.

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**Color**

**Android(4280438016)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	224D00
RGB	34, 77, 0
RGB Percent	13%, 30%, 0%
CMY	0.8667, 0.6980, 1.0000
CMYK	0.56, 0.00, 1.00, 0.70
HSL	94°, 100%, 15%
HSV	94°, 100%, 30%
XYZ	3.3136, 5.6478, 0.9155
YIQ	55.3650, -0.9110, -33.0630

# Conversions

## Conversions Part 2

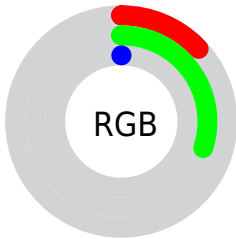
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 77, 43
Decimal	2247936
CIELab	28.51, -28.50, 36.05
CIELCh	29, 45.956, 128.324
Yxy	5.6478, 0.3355, 0.5718
Android (android.graphics.Color)	4280438016 (0xFF224D00)
YUV	55.3650, -27.2949, -18.7371
Hunter-Lab	23.7652, -16.7009, 14.3516

# Details

The Android color **4280438016** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **4281008205**, and the grayscale version is **4281874488**.

A 20% lighter version of the original color is **4283793203**, and **4278198784** is the 20% darker color. If you saturate the color by 10%, you get **4280438016**, and if you desaturate by 10%, it is **4280700168**.

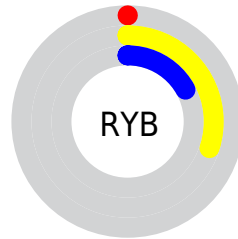
# Distribution



Red (13%)

Green (30%)

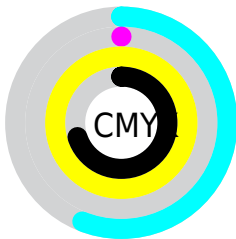
Blue (0%)



Red (0%)

Yellow (30%)

Blue (17%)

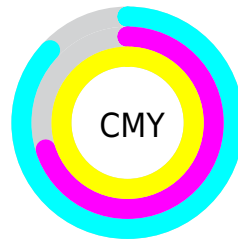


Cyan (56%)

Magenta (0%)

Yellow (100%)

Black (70%)



Cyan (87%)

Magenta (70%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280438016 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 4280438016 by changing the saturation by 10% instead.



 4280438016

 4280438016

 4294967275

 4278728192

 4283793203

 4278198784

 4285438283

 4278190080

 4287214692

 4288991101

 4290768024

 4292673459

 4294574031

 4280438016

■ 4280700168

■ 4281027855

■ 4281290007

■ 4281552159

■ 4281814311

■ 4282141998

■ 4282404150

■ 4282666302

■ 4282993989

# Harmonies

## Analogous

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



4283057408



4280438016



4278210855

# Triad

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



4280438016



4278210181



4286650683

# Complementary

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



4280438016



4281008205

# 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.



4285800798



4280438016



4278207626

# Square

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



4280438016



4278211183



4283446651



4286260761

# Rectangle

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



4280438016



4278211392



4283446651



4286519623



# Sweetspot

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



4280438016



4283654982



4283247104



4280890145



4289967027



4281545523



# Same Dimension

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



4280438016



4281099008



4278209796



4280559138



4281165312



4284868096



# Inverse Universe

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



4281008205



4281860195



4283236425



4280623654



4281925734

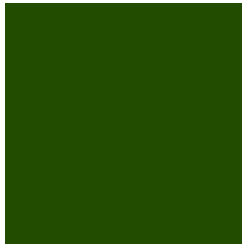


4286578918



# Previews

## White Background



This preview shows how the Android color 4280438016 looks on a white background.

## Color Contrast Check

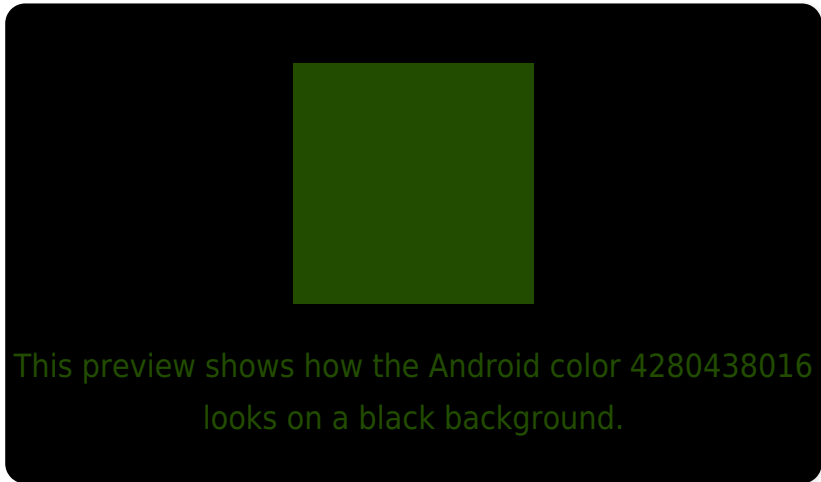
Large Text (above 18pt) WCAG AA ✓ Pass

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

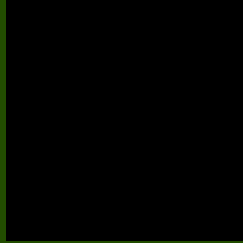
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4280438016 Background



This preview shows how black text looks on a background with the Android color 4280438016.



This preview shows how white text looks on a background with the Android color 4280438016.

# 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**  
4280438016

**Protanopia**  
4283187968

**Deuteranopia**  
4283777040



# Trichromacy



**Original Color**  
4280438016

**Protanomaly**  
4282205952

**Deuteranomaly**  
4282533130

**Tritanomaly**  
4280896049

# Monochromacy



**Original Color**  
4280438016

**Achromatopsia**  
4281808695

**Achromatomaly**  
4281286435

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280438016 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(34, 77, 0)` looks like.

```
.text, #text, p{  
    color:rgb(34, 77, 0)  
}
```

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(34, 77, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 77, 0) }
```

## Border

The CSS property to change the border of an element to Android 4280438016 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(34, 77, 0) }
```

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

```
.border{ border-color:rgb(34, 77, 0) }
```

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

Here you see how a box with a 4 pixel rgb(34, 77, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 77, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(34, 77, 0); box-shadow:4px  
4px 4px 4px rgb(34, 77, 0) }
```

# Background

The CSS property to change the background color of an element to Android 4280438016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 77, 0) }
```

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

```
.background{ background-color: rgb(34, 77,  
0) }
```

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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