

# Converting Colors

Android(4282019881)

Have a look what the booklet for  
Android(4282019881) contains.

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# Color

**Android(4282019881)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3A7029
RGB	58, 112, 41
RGB Percent	23%, 44%, 16%
CMY	0.7725, 0.5608, 0.8392
CMYK	0.48, 0.00, 0.63, 0.56
HSL	106°, 46%, 30%
HSV	106°, 63%, 44%
XYZ	7.9393, 12.6480, 4.1207
YIQ	87.7600, -9.3930, -33.5290

# Conversions

## Conversions Part 2

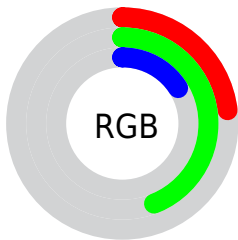
<b>Format</b>	<b>Color</b>
<b>RYB</b>	41, 112, 95
Decimal	3829801
CIELab	42.23, -32.42, 33.25
CIElCh	42, 46.433, 134.276
Yxy	12.6480, 0.3213, 0.5119
Android (android.graphics.Color)	4282019881 (0xFF3A7029)
YUV	87.7600, -23.0527, -26.0995
Hunter-Lab	35.5640, -22.3885, 18.0251

# Details

The Android color `4282019881` is a dark color, and the websafe version is hex `336633`. A complement of this color would be `4284426608`, and the grayscale version is `4283979864`.

A 20% lighter version of the original color is `4285441113`, and `4278271744` is the 20% darker color. If you saturate the color by 10%, you get `4281430046`, and if you desaturate by 10%, it is `4282609716`.

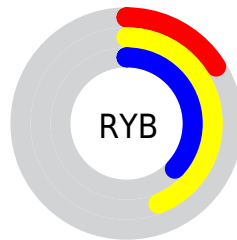
# Distribution



Red (23%)

Green (44%)

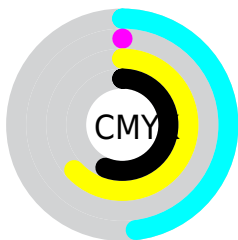
Blue (16%)



Red (16%)

Yellow (44%)

Blue (37%)

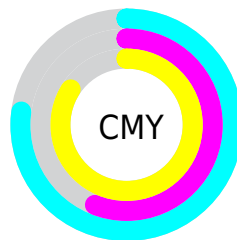


Cyan (48%)

Magenta (0%)

Yellow (63%)

Black (56%)



Cyan (77%)

Magenta (56%)

Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282019881 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 4282019881 by changing the saturation by 10% instead.





4282019881



4282019881

4294967295



4280309521



4285441113



4278271744



4287152242



4278200576



4288928908



4278193920



4290771111



4278190080



4292673475



4294574047



4294967292



4282019881



4282019881

■ 4281430046

■ 4282609716

■ 4280905747

■ 4283134015

■ 4280315911

■ 4283723851

■ 4279988224

■ 4284248150

■ 4284837985

■ 4285362284

■ 4285952119

■ 4286476419

■ 4287066254

# Harmonies

## Analogous

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



4284901134



4282019881



4278220110

# Triad

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



4282019881



4278218413



4289281875

# Complementary

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



4282019881



4284426608

# 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.



4288627321



4282019881



4282016430

# Square

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



4282019881



4278219928



4286402971



4288695088

# Rectangle

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



4282019881



4278220392



4286402971



4289216096



# Sweetspot

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



4282019881



4286353782



4285554217



4282206777



4291414473



4283058762



# Same Dimension

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



4282019881



4282224931



4280905787



4281612338



4280121344



4282119936



# Inverse Universe

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



4284426608



4285997969



4285540702



4281807416



4284153976



4290511095



# Previews

## White Background



This preview shows how the Android color 4282019881 looks on a white background.

## Color Contrast Check

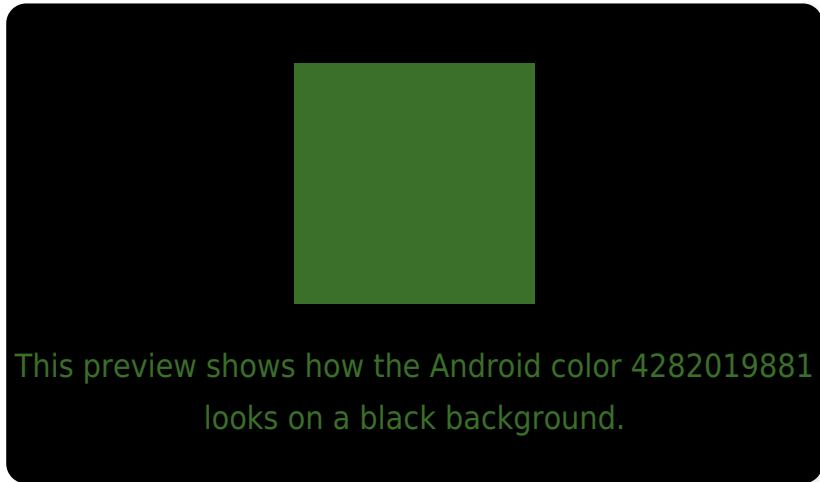
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 4282019881 Background



This preview shows how black text looks on a background with the Android color 4282019881.



This preview shows how white text looks on a background with the Android color 4282019881.

# 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**  
4282019881

**Protanopia**  
4285489957

**Deuteranopia**  
4286275118



# Trichromacy



**Original Color**

4282019881

**Protanomaly**

4284246054

**Deuteranomaly**

4284704044

**Tritanomaly**

4282543191

# Monochromacy



**Original Color**

4282019881

**Achromatopsia**

4283979864

**Achromatomaly**

4283261255

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282019881 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(58, 112, 41)` looks like.

```
.text, #text, p{  
    color:rgb(58, 112, 41)  
}
```

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(58, 112, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 112, 41) }
```

## Border

The CSS property to change the border of an element to Android 4282019881 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(58, 112, 41) }
```

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

```
.border{ border-color:rgb(58, 112, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 112, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 112, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 112, 41);  
box-shadow:4px 4px 4px 4px rgb(58, 112,  
41) }
```

# Background

The CSS property to change the background color of an element to Android 4282019881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 112, 41) }
```

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

```
.background{ background-color: rgb(58, 112,  
41) }
```

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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