

# Converting Colors

Android(4283264833)

Have a look what the booklet for  
Android(4283264833) contains.

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# Color

**Android(4283264833)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4D6F41
RGB	77, 111, 65
RGB Percent	30%, 44%, 25%
CMY	0.6980, 0.5647, 0.7451
CMYK	0.31, 0.00, 0.41, 0.56
HSL	104°, 26%, 35%
HSV	104°, 41%, 44%
XYZ	9.6991, 13.3283, 7.0624
YIQ	95.5900, -5.4980, -21.5140

# Conversions

## Conversions Part 2

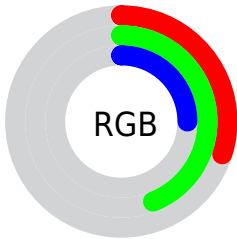
Format	Color
<b>RYB</b>	65, 111, 99
Decimal	5074753
CIELab	43.25, -21.75, 21.80
CIElCh	43, 30.799, 134.933
Yxy	13.3283, 0.3223, 0.4429
Android (android.graphics.Color)	4283264833 (0xFF4D6F41)
YUV	95.5900, -15.0809, -16.3034
Hunter-Lab	36.5080, -16.4665, 14.0859

# Details

The Android color `4283264833` is a dark color, and the websafe version is hex `336633`. A complement of this color would be `4284694895`, and the grayscale version is `4284506208`.

A 20% lighter version of the original color is `4286554993`, and `4280172309` is the 20% darker color. If you saturate the color by 10%, you get `4282740534`, and if you desaturate by 10%, it is `4283789132`.

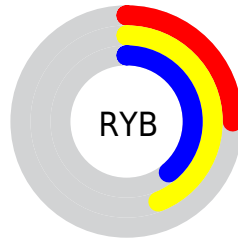
# Distribution



Red (30%)

Green (44%)

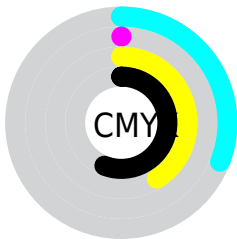
Blue (25%)



Red (25%)

Yellow (44%)

Blue (39%)

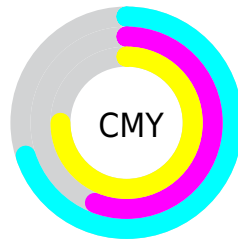


Cyan (31%)

Magenta (0%)

Yellow (41%)

Black (56%)



Cyan (70%)

Magenta (56%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283264833 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 4283264833 by changing the saturation by 10% instead.





4283264833



4283264833

4294967295



4281685546



4286554993



4280172309



4288331403



4278855936



4290108070



4278195200



4291950273



4278190080



4293787613



4294967290



4283264833



4283264833



4282740534



4283789132

■ 4282216235

■ 4284313431

■ 4281626400

■ 4284903266

■ 4281102101

■ 4285427565

■ 4280577802

■ 4285951865

■ 4280119040

■ 4286476164

■ 4287000463

■ 4287590298

■ 4288114597

# Harmonies

## Analogous

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



4285163828



4283264833



4280841048

# Triad

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



4283264833



4280118423



4288107098

# Complementary

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



4283264833



4284694895

# 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.



4287583092



4283264833



4283720855

# Square

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



4283264833



4278219401



4286143370



4287715139

# Rectangle

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



4283264833



4278219626



4286143370



4288041315



# Sweetspot

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



4283264833



4286878080



4285489985



4282534464



4291414473



4283058762



# Same Dimension

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



4283264833



4284256585



4282478412



4281612338



4280252416



4282513152



# Inverse Universe

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



4284694895



4286466449



4285481316



4281807416



4284022904

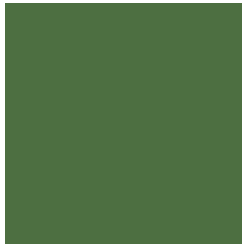


4290183415



# Previews

## White Background



This preview shows how the Android color 4283264833 looks on a white background.

## Color Contrast Check

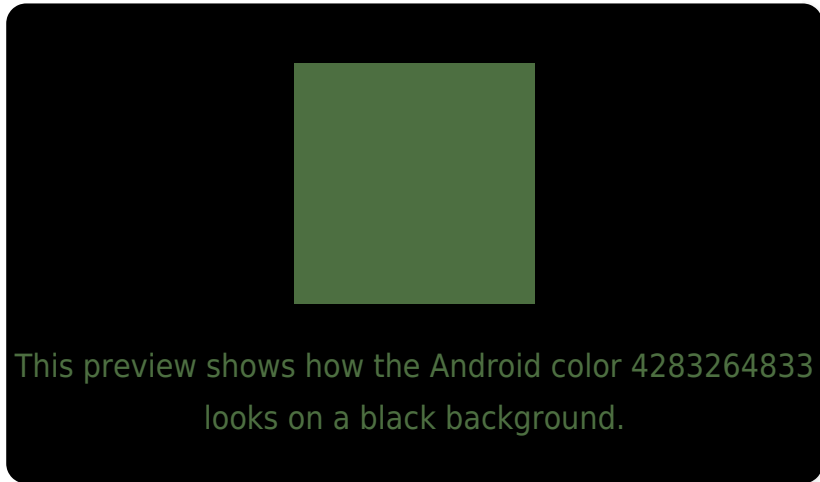
Large Text (above 18pt) WCAG AA ✓ Pass

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 4283264833 Background



This preview shows how black text looks on a background with the Android color 4283264833.



This preview shows how white text looks on a background with the Android color 4283264833.

# 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**  
4283264833

**Protanopia**  
4285490750

**Deuteranopia**  
4286210372



# Trichromacy



**Original Color**  
4283264833

**Protanomaly**  
4284705087

**Deuteranomaly**  
4285163075

**Tritanomaly**  
4283591520

# Monochromacy



**Original Color**  
4283264833

**Achromatopsia**  
4284506208

**Achromatomaly**  
4284048725

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283264833 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(77, 111, 65)` looks like.

```
.text, #text, p{  
    color:rgb(77, 111, 65)  
}
```

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(77, 111, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 111, 65) }
```

## Border

The CSS property to change the border of an element to Android 4283264833 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(77, 111, 65) }
```

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

```
.border{ border-color:rgb(77, 111, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 111, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 111, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 111, 65);  
box-shadow:4px 4px 4px 4px rgb(77, 111,  
65) }
```

# Background

The CSS property to change the background color of an element to Android 4283264833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 111, 65) }
```

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

```
.background{ background-color: rgb(77, 111,  
65) }
```

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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