

# Converting Colors

Android(4285038171)

Have a look what the booklet for  
Android(4285038171) contains.

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# Color

**Android(4285038171)**

# Conversions

## Conversions Part 1

Format	Color
Hex	687E5B
RGB	104, 126, 91
RGB Percent	41%, 49%, 36%
CMY	0.5922, 0.5059, 0.6431
CMYK	0.17, 0.00, 0.28, 0.51
HSL	98°, 16%, 43%
HSV	98°, 28%, 49%
XYZ	15.0581, 18.6201, 12.6979
YIQ	115.4320, -1.8770, -15.5490

# Conversions

## Conversions Part 2

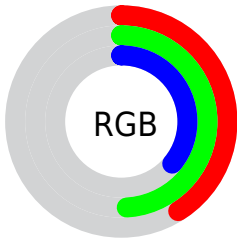
<b>Format</b>	<b>Color</b>
<b>RYB</b>	91, 126, 113
Decimal	6848091
CIELab	50.24, -14.97, 16.49
CIELCh	50, 22.271, 132.222
Yxy	18.6201, 0.3247, 0.4015
Android (android.graphics.Color)	4285038171 (0xFF687E5B)
YUV	115.4320, -12.0450, -10.0259
Hunter-Lab	43.1510, -13.2244, 12.7586

# Details

The Android color `4285038171` is a dark color, and the websafe version is hex `669966`. A complement of this color would be `4285619070`, and the grayscale version is `4285822068`.

A 20% lighter version of the original color is `4288459661`, and `4281879853` is the 20% darker color. If you saturate the color by 10%, you get `4284513870`, and if you desaturate by 10%, it is `4285562472`.

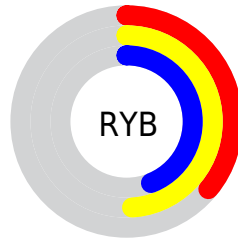
# Distribution



Red (41%)

Green (49%)

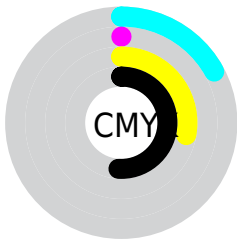
Blue (36%)



Red (36%)

Yellow (49%)

Blue (44%)

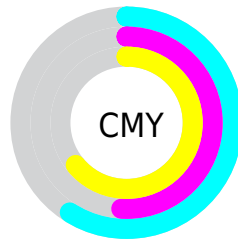


Cyan (17%)

Magenta (0%)

Yellow (28%)

Black (51%)



Cyan (59%)

Magenta (51%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285038171 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 4285038171 by changing the saturation by 10% instead.





4285038171



4285038171

4294967295



4283458883



4288459661



4281879853



4290236072



4280432152



4292012995



4279181568



4293918687



4278190592



4294967292



4278190080



4285038171



4285038171



4284513870



4285562472



4283989570



4286086772

■ 4283465269

■ 4286611073

■ 4282940969

■ 4287135373

■ 4282416668

■ 4287659674

■ 4281892367

■ 4288183975

■ 4281433603

■ 4288642739

■ 4281302528

■ 4289167040

■ 4289691340

# Harmonies

## Analogous

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



4286413138



4285038171



4283597163

# Triad

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



4285038171



4283399579



4288572016

# Complementary

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



4285038171



4285619070

# 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.



4288048004



4285038171



4285167516

# Square

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



4285038171



4282220944



4286869652



4288376159

# Rectangle

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



4285038171



4282745464



4286869652



4288440951



# Sweetspot

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



4285038171



4288390038



4286476635



4283191881



4291940817



4283585106



# Same Dimension

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



4285038171



4286686061



4284186207



4282138681



4281303040



4278190080



# Inverse Universe

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



4285619070



4287589795



4286471034



4282202432



4283433088



4278190080



# Previews

## White Background



This preview shows how the Android color 4285038171 looks on a white background.

## Color Contrast Check

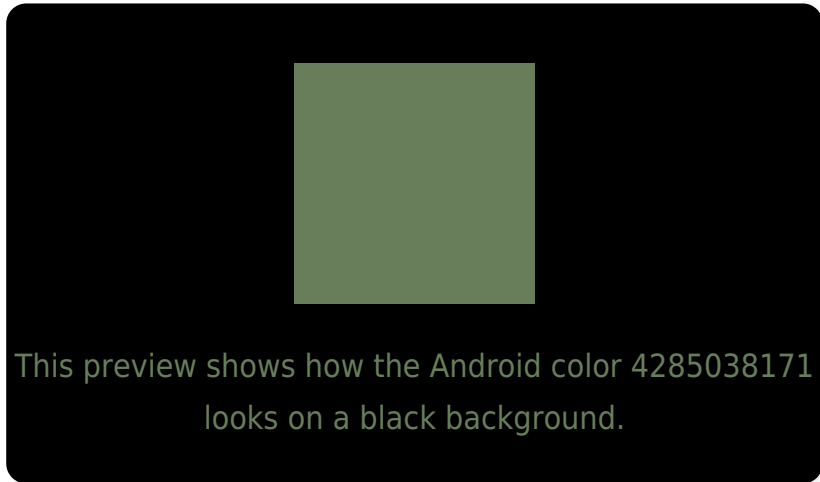
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

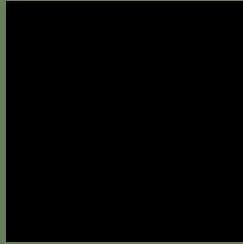
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Android 4285038171 Background



This preview shows how black text looks on a background with the Android color 4285038171.



This preview shows how white text looks on a background with the Android color 4285038171.

# 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**  
4285038171

**Protanopia**  
4286609240

**Deuteranopia**  
4287394397



# Trichromacy



**Original Color**  
4285038171

**Protanomaly**  
4286020185

**Deuteranomaly**  
4286543452

**Tritanomaly**  
4285299572

# Monochromacy



**Original Color**  
4285038171

**Achromatopsia**  
4285756275

**Achromatomaly**  
4285495146

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285038171 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, 126, 91)` looks like.

```
.text, #text, p{  
    color:rgb(104, 126, 91)  
}
```

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, 126, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 126, 91) }
```

## Border

The CSS property to change the border of an element to Android 4285038171 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, 126, 91) }
```

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

```
.border{ border-color:rgb(104, 126, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 126, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 126, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 126, 91);  
box-shadow:4px 4px 4px 4px rgb(104, 126,  
91) }
```

# Background

The CSS property to change the background color of an element to Android 4285038171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 126, 91) }
```

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

```
.background{ background-color: rgb(104,  
126, 91) }
```

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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