

# Converting Colors

Android(4285018631)

Have a look what the booklet for  
Android(4285018631) contains.

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# Color

**Android(4285018631)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	683207
RGB	104, 50, 7
RGB Percent	41%, 20%, 3%
CMY	0.5922, 0.8039, 0.9725
CMYK	0.00, 0.52, 0.93, 0.59
HSL	27°, 87%, 22%
HSV	27°, 93%, 41%
XYZ	6.8879, 5.2396, 0.8493
YIQ	61.2440, 45.9870, -1.9250

# Conversions

## Conversions Part 2

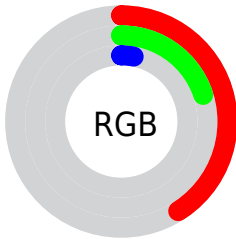
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	104, 84, 7
Decimal	6828551
CIE Lab	27.41, 21.36, 35.10
CIE LCh	27, 41.093, 58.681
Yxy	5.2396, 0.5308, 0.4038
Android (android.graphics.Color)	4285018631 (0xFF683207)
YUV	61.2440, -26.7423, 37.4970
Hunter-Lab	22.8902, 13.6546, 13.8232

# Details

The Android color **4285018631** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **4278664552**, and the grayscale version is **4282203453**.

A 20% lighter version of the original color is **4288700726**, and **4281468416** is the 20% darker color. If you saturate the color by 10%, you get **4285017600**, and if you desaturate by 10%, it is **4285020177**.

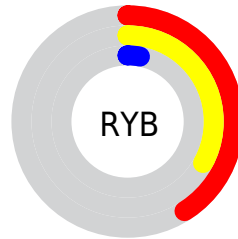
# Distribution



Red (41%)

Green (20%)

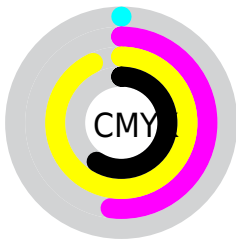
Blue (3%)



Red (41%)

Yellow (33%)

Blue (3%)

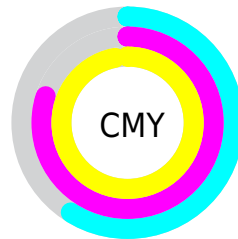


Cyan (0%)

Magenta (52%)

Yellow (93%)

Black (59%)



Cyan (59%)

Magenta (80%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285018631 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 4285018631 by changing the saturation by 10% instead.





4285018631



4285018631



4294967277



4283243520



4288700726



4281468416



4290607693



4279631872



4292514918



4278190080



4294487935



4294953882



4294961077



4294967248



4285018631



4285018631

■ 4285017600

■ 4285020177

■ 4285021724

■ 4285023014

■ 4285024561

■ 4285026107

■ 4285027653

■ 4285029200

■ 4285030490

■ 4285032037

# Harmonies

## Analogous

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



4285932581



4285018631



4283449088

# Triad

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



4285018631



4278210366



4282136952

# Complementary

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



4285018631



4278664552

# 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.



4278207872



4285018631



4278210398

# Square

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



4285018631



4278209822



4278209654



4284819810

# Rectangle

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



4285018631



4282205440



4278209654



4280565373



# Sweetspot

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



4285018631



4287066721



4285007678



4282726445



4291085508



4282729797



# Same Dimension

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



4285018631



4287052800



4285030919



4281544750



4285739776



4294077184



# Inverse Universe

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



4278664552



4278209415



4278652264



4281217331



4278206579

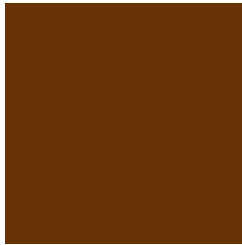


4278224882



# Previews

## White Background



This preview shows how the Android color 4285018631 looks on a white background.

## Color Contrast Check

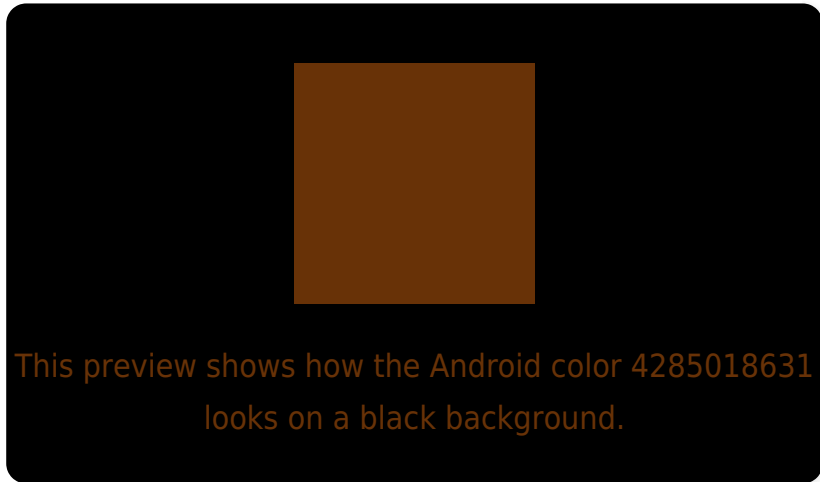
Large Text (above 18pt) WCAG AA ✓ Pass

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 4285018631 Background



This preview shows how black text looks on a background with the Android color 4285018631.



This preview shows how white text looks on a background with the Android color 4285018631.

# 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**  
4285018631

**Protanopia**  
4283056652

**Deuteranopia**  
4283645440



# Trichromacy



**Original Color**  
4285018631

**Protanomaly**  
4283776010

**Deuteranomaly**  
4284168707

**Tritanomaly**  
4285083682

# Monochromacy



**Original Color**  
4285018631

**Achromatopsia**  
4282203453

**Achromatomaly**  
4283250985

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285018631 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, 50, 7)` looks like.

```
.text, #text, p{  
    color:rgb(104, 50, 7)  
}
```

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, 50, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 50, 7) }
```

## Border

The CSS property to change the border of an element to Android 4285018631 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, 50, 7) }
```

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

```
.border{ border-color:rgb(104, 50, 7) }
```

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

Here you see how a box with a 4 pixel rgb(104, 50, 7) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 50, 7); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 50, 7);  
box-shadow:4px 4px 4px 4px rgb(104, 50, 7)  
}
```

# Background

The CSS property to change the background color of an element to Android 4285018631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 50, 7) }
```

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

```
.background{ background-color: rgb(104, 50,  
7) }
```

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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